

Cell Metabolism

**Molecular Cell**

# nature

A circular collage of scientific journal covers from the Cell family. The journals shown include: 

- Cell**: A large central cover featuring a scientist with glasses and the text "It works!".
- Cell Metabolism**: A cover showing a brain with the text "AC".
- Cell Biology**: A cover showing a cell with red dots.
- Neuron**: A cover showing a brain with the text "mCCS".
- Cell Stem Cell**: A cover showing a brain with the text "stem cell".
- Cell Reports**: A cover showing a brain with the text "Cell Reports".
- Cell Death & Differentiation**: A cover showing a brain with the text "Cell Death & Differentiation".
- Cell Cycle**: A cover showing a brain with the text "Cell Cycle".

The collage is set against a background of a brain with various colored regions (blue, yellow, red) and some mathematical symbols like  $\Delta G^\circ$ .

# 頂尖期刊

[www.ptglab.com](http://www.ptglab.com)

on and cortical plate formation in  
is  
Simone Wölflinger<sup>1</sup>, E. Hilary Gustafson<sup>1</sup>\*, Alex B. Phillips<sup>2</sup>,  
Nick J. Livesey<sup>2</sup> & Juergen A. Knoblich<sup>1</sup>

## 关于 Proteintech

2002 年由数位参与美国国立卫生研究院基金项目的科学家成立。

Proteintech 作为一家拥有自主研发和生产能力的品牌抗体公司，专注于人类抗体组计划，以融合蛋白生产高亲和力抗体，从成立至今一直奉行为生命科学研究提供最优质的原创抗体这一宗旨，严格质检，精工细作。

*"At the heart of our aspiration was a company for scientists by scientists; an antibody provider that would offer researcher the advantage-not investors."*

--CEO Dr.Jason Li

## YOUR SUCCESS IS OUR SUCCESS

Proteintech 坚信：您的成功才是我们的成功，高品质抗体才能久经市场考验。

Proteintech 数千种抗体发表的文献被频繁引用，截止 2018 年 1 月，SCI 期刊引用文献总数已超过 30000 篇，引用文献荣登顶尖期刊封面高达 24 次，Cell, Science, Nature 及其子刊引用次数超过 1700 篇，其中不乏多支抗体被同时引用以及单支抗体被多篇顶尖期刊文献引用。

文献引用不仅是对抗体品质的高度认可，同时也能为您的实验带来很大的参考价值。





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## 封面文章中的 Proteintech

Proteintech 成立十五年来，抗体靶标就已经覆盖人类基因组的三分之二，其中 5000 多个抗体已经在 30000 篇 SCI 文献中被使用，产品引用文献荣登顶尖期刊封面高达 24 次。

### ※ Proteintech 抗体引用文献荣登众多顶尖期刊封面

抗体名称	货号	期刊	研究领域	发表日期	影响因子	PMID	应用
myosinII	customized	Nat Cell Biol	神经发育	2006/3/1	20.76	16501565	-
BBS5	14569-1-AP	Cell	纤毛	2010/6/25	30.41	20603001	IF
BBS2	11188-2-AP	Cell	纤毛	2010/6/25	30.41	20603001	IF
CUL4B	12916-1-AP	Cancer Cell	肿瘤	2010/10/19	24.75	20951943	WB
EXOC5	17593-1-AP	Cell	自噬	2011/1/21	30.41	21241894	WB
TCTN1	15004-1-AP	Nat Cell Biol	纤毛	2012/1/1	20.76	22179047	WB
ARL13B	17711-1-AP	Nat Cell Biol	纤毛	2012/1/1	20.76	22179047	IF
TARDBP	10782-2-AP	Brain	神经发育	2012/3/1	9.91	22366797	IHC
GAPDH	10494-1-AP	Cell	干细胞	2013/5/23	30.41	23706735	WB
IFT57	11083-1-AP	Nat Cell Biol	细胞周期	2013/12/1	20.76	24240477	WB
GAPDH	10494-1-AP	Nat Cell Biol	细胞周期	2013/12/1	20.76	24240477	WB
CP110	12780-1-AP	Nat Cell Biol	细胞周期	2013/12/1	20.76	24240477	WB
CENPJ	11517-1-AP	Nat Cell Biol	细胞周期	2013/12/1	20.76	24240477	WB,IF
Centrin1	12794-1-AP	Nat Cell Biol	细胞周期	2013/12/1	20.76	24240477	WB,IF
SLC3A1	16343-1-AP	Nat Cell Biol	干细胞	2013/12/15	20.76	24335651	IF
SIX2	11562-1-AP	Nat Cell Biol	干细胞	2013/12/15	20.76	24335651	IF
CALCOCO2	12229-1-AP	Cell	线粒体	2016/2/25	30.41	26919428	WB
TAX1BP1	14424-1-AP	Cell	线粒体	2016/2/25	30.41	26919428	WB
OPTN	10837-1-AP	Cell	线粒体	2016/2/25	30.41	26919428	WB
NDUFB10	15589-1-AP	Cell Stem Cell	干细胞	2016/7/7	22.39	27320042	WB
COX2	55070-1-AP	Mol Cell	线粒体	2016/7/21	13.96	27447985	WB
YTHDF1	17479-1-AP	Cell Host Microbe	免疫学	2016/10/20	14.95	27773535	IF
YTHDF2	24744-1-AP	Cell Host Microbe	免疫学	2016/10/20	14.95	27773535	IF
PALS1	17710-1-AP	Neuron	中心体	2016/10/27	14.02	27974163	IF
CEP63	16268-1-AP	Neuron	中心体	2016/10/27	14.02	27974163	WB,IF
CENPJ	11517-1-AP	Neuron	中心体	2016/10/27	14.02	27974163	WB,IF
TARDBP	10782-2-AP	MolCell	神经疾病	2016/11/3	13.96	27871485	WB,IF
GST	10000-0-AP	Neuron	神经元	2017/1/30	13.97	28162808	WB
SIX2	11562-1-AP	Cell	干细胞	2017/3/23	30.41	28340341	IF
ARL13B	17711-1-AP	Cell	纤毛	2017/7/13	30.41	28709001	IF
Fabp4	51035-1-AP	Cell	纤毛	2017/7/13	30.41	28709001	IF
CPT1B	22170-1-AP	Cell Metabolism	代谢	2017/9/5	18.16	28877455	WB
SLC22A5	16331-1-AP	Cell Metabolism	代谢	2017/9/5	18.16	28877455	WB

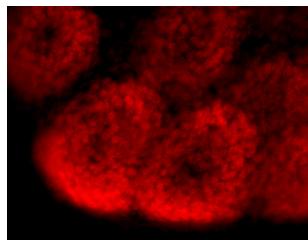
\* 该手册中各期刊取最新影响因子

**SIX2 Antibody** (Cat.No.11562-1-AP)

102 Publications

KD/KO validated

3 cover stories

**Applications:** ELISA, ChIP, IF, IHC, IP, pull-down, WB**Species specificity:** human, mouse, rat, American alligator

IF result of SIX2 antibody (11562-1-AP, 1:200) with mouse embryonic kidney rudiment dissected at E13.5 and cultured for 2 days by Dr. Aleksandra Rak-Raszewska. SIX2 positive cells (red) in condense metanephric mesenchyme surrounding the ureteric bud tip.

The SIX proteins (*sine oculis*) are a family of homeodomain transcription factors that share a conserved DNA binding domain. Six members (Six1-Six6) of the Six gene family have been identified in mice and humans. SIX2, containing one homeobox DNA-binding domain, is highly expressed in fetal tissues but expression is limited in adult tissues. SIX2 may be involved in limb tendon and ligament development (PMID:21420949). It has been previously shown that SIX2 is expressed in developing mesenchymal tissue including head and urogenital system at the time of overt midfacial and renal differentiation (PMID: 22282599).

期刊	封面文章	影响因子	发表日期	PMID
Nat Cell Biol	Directing human embryonic stem cell differentiation towards a renal lineage generates a self-organizing kidney.	20.76	2013/12/15	24335651
Cell	Tridimensional Visualization and Analysis of Early Human Development.	28.71	2017/3/23	28340341
Cell	Tridimensional Visualization and Analysis of Early Human Development.	28.71	2017/3/23	28340341



## 封面文章引用常客

**ARL13B Antibody** (Cat.No. 17711-1-AP)

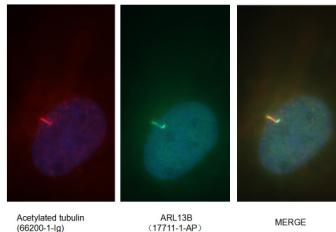
164 Publications

KD/KO validated

2 cover stories

**Applications:** ELISA, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat, dog, pig, sheep, Xenopus, Zebrafish



Immunofluorescent analysis of ( 4% PFA ) fixed MDCK cells using 17711-1-AP(ARL13B antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ARL13B, also named as ARL2L1, is a small ciliary G protein of the Ras superfamily. Localized in the cilia, it is required for cilium biogenesis and sonic hedgehog signaling. Defects in ARL13B are the cause of Joubert syndrome (JS) which is an autosomal recessive disorder characterized by a distinctive cerebellar malformation (PMID: 19906870).

期刊	封面文章	影响因子	发表时间	PMID
Nat Cell Biol	A ciliopathy complex at the transition zone protects the cilia as a privileged membrane domain.	20.76	2012/1/1	22179047
Cell	Ciliary Hedgehog Signaling Restricts Injury-Induced Adipogenesis.	30.41	2017/7/13	28709001

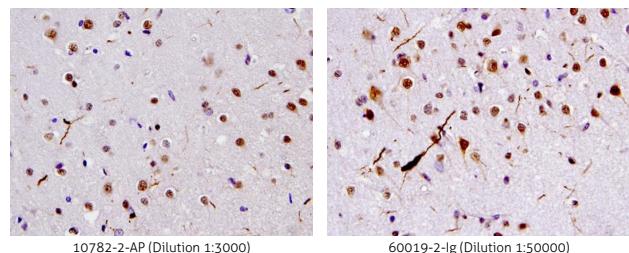
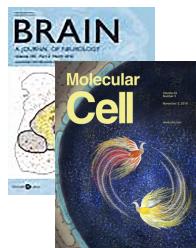
\* 该手册中各期刊取最新影响因子

**TDP-43 Antibody** (Cat.No.10782-2-AP)

853 Publications

KD/KO validated

2 cover stories

**Applications:** ELISA, ChIP, CoIP, FC, IF, IHC, IP, RIP, WB**Species specificity:** human, mouse, rat, zebrafish, *C. elegans*, chicken, dog, Drosophila, fly, hamster, horse, monkey, recombinant protein, worm, Yeast

40X of FTLD-U case stained by 10782-2-AP and 60019-2-Ig, showing dystrophic neurites. (Figs were provided by Linda K. Kwong)

The TARDBP gene encodes the TDP-43 protein, initially found to repress HIV-1 transcription by binding TAR DNA. In 2006 Neumann et al. found that hyperphosphorylated, ubiquitinated and/or cleaved forms of TDP-43, collectively known as pathological TDP-43, play a major role in the disease mechanisms of ubiquitin-positive, tau- and alpha-synuclein-negative frontotemporal dementia (FTLD-U) and in amyotrophic lateral sclerosis (ALS).

期刊	封面文章	影响因子	发表日期	PMID
Brain	Progressive neuronal inclusion formation and axonal degeneration in CHMP2B mutant transgenic mice.	9.91	2012/3/1	22366797
Mol Cell	Unusual Processing Generates SPA LncRNAs that Sequester Multiple RNA Binding Proteins.	13.96	2016/11/3	27871485

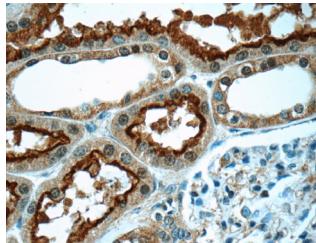
## OCTN2 Antibody (Cat.No. 16331-1-AP)

1 Publications

latest cover story

**Applications:** ELISA, FC, IHC, IP, WB

**Species specificity:** human, mouse, rat



Immunohistochemistry of paraffin-embedded human kidney tissue slide using 16331-1-AP (OCTN2 antibody) at dilution of 1:50 (under 40x lens)

OCTN2 encoded by SLC22A5, is a ubiquitously expressed organic anion/cation transporter. OCTN2 plays a key role in absorption, tissue distribution and renal reabsorption of L-carnitine which is an essential cofactor in fat metabolism. Defects in the OCTN2 are responsible for primary carnitine deficiency. OCTN2 also transports some important respiratory medicines (such as ipratropium and tiotropium), and due to its expression in the lung, may influence the disposition and absorption of these medicines in the lung.

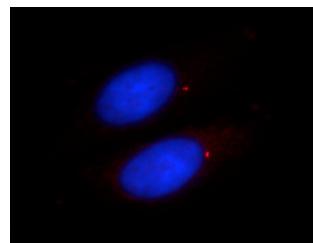
期刊	封面文章	发表时间	抗体	货号	检测方法	应用种属	PMID
Cell Metabolism	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis.	2017.9.5	CPT1B	22170-1-AP	WB	mouse	28877455
			SLC22A5	16331-1-AP	WB	mouse	28877455

\* 该手册中各期刊取最新影响因子

**CENPJ Antibody** (Cat.No. 11517-1-AP)

24 Publications

2 cover stories

**Applications:** ELISA, IF, WB**Species specificity:** human, mouse, rat, zebra fish

Immunofluorescent analysis of HepG2 cells using 11517-1-AP(CENPJ antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG

CENPJ, also named as CPAP, LAP and LIP1, belongs to the TCP10 family. It plays an important role in cell division and centrosome function by participating in centriole duplication. CENPJ inhibits microtubule nucleation from the centrosome.

期刊	封面文章	抗体	货号	检测方法	应用种属	PMID
Nat Cell Biol	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	20.76	2013/12/1	24240477		
Nat Cell Biol	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	20.76	2013/12/1	24240477		

## Cell / Nature / Science 中的 Proteintech

截止到 2018 年 1 月, Proteintech 产品被顶尖杂志 Cell, Nature, Science 引用高达 374 次。

### ※ 2017 年 7 月 -2018 年 1 月 CNS 中的 Proteintech 一览

抗体名称	货号	期刊	影响因子	检测方法	应用种属	PMID	发表时间
DDK21	10528-1-AP	Cell	28.71	WB,IF,ChIP	human	28475895	2017/7/3
CNOT1	14276-1-AP	Cell	30.41	WB	mouse	28575669	2017/7/18
MVP	16478-1-AP	Cell	30.41	WB	mouse	28575669	2017/7/18
NSUN2	20854-1-AP	Cell	30.41	WB	mouse	28575669	2017/7/18
YTHDF1	17479-1-AP	Cell	30.41	WB	mouse	28575669	2017/7/18
ALDOB	18065-1-AP	Nature	40.14	WB	mouse	28723898	2017/7/19
CAMKK2	11549-1-AP	Nature	40.14	WB	mouse	28723898	2017/7/19
IFITM1	11727-3-AP	Nature	40.14	WB	human	28759889	2017/7/31
ARL13B	17711-1-AP	Cell	30.41	IF	mouse	28709001	2017/8/1
Fabp4	51035-1-AP	Cell	30.41	IF	mouse	28709001	2017/8/1
SRP14	11528-1-AP	Cell	30.41	WB	human	28709002	2017/8/1
SRP9	11195-1-AP	Cell	30.41	WB	human	28709002	2017/8/1
TSG101	14497-1-AP	Cell	30.41	WB	human	28709002	2017/8/1
GNB1	10247-2-AP	Cell	30.41	WB,IF,IP	mouse	28803726	2017/8/7
GAPDH	HRP-60004	Cell	30.41	WB	human,- mouse	28753426	2017/8/8
ZCCHC11	18980-1-AP	Nature	40.14	WB	mouse	28792939	2017/8/9
WFS1	11558-1-AP	Cell	30.41	IF	mouse	28823555	2017/8/17
CPT1A	15184-1-AP	Cell	30.41	WB,FC	mouse	28919076	2017/9/1
MTF2	16208-1-AP	Nature	40.14	WB	mouse	28869966	2017/9/6
ZC3HAV1	16820-1-AP	Nature	40.14	WB	human	28953888	2017/9/27
NGDN	16524-1-AP	Nature	40.14	WB	—	28976967	2017/10/4
GBP2	11854-1-AP	Nature	40.14	WB,IF	human	29144452	2017/10/11
GBP5	13220-1-AP	Nature	40.14	WB,IF	human	29144452	2017/10/11
GLUD1	14299-1-AP	Science	37.21	—	—	29025995	2017/10/12
MUTED	24015-1-AP	Cell	31.04	WB	human	29033128	2017/10/12
SPOP	16750-1-AP	Nature	40.14	WB,IP	human	29160310	2017/11/16
TTL	13618-1-AP	Science	37.21	WB	human	29146869	2017/11/16
TDP-43	10782-2-AP	Nature	40.14	IF	human	29211715	2017/12/6
SIX2	11562-1-AP	Cell	30.41	IF	mouse	29224783	2017/12/7
PDGFD	14075-1-AP	Cell	30.41	IHC	human	29275861	2017/12/20

\* 该手册中各期刊取最新影响因子



## 精选 CNS 引用抗体——Cell 篇

**Cell**

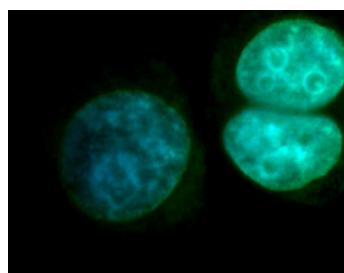
### DGCR8 C-Terminal Antibody (Cat.No. 10996-1-AP)

51 Publications

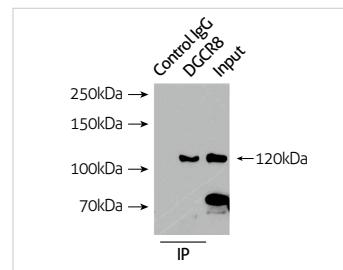
KD/KO validated

**Applications:** ELISA, ChIP, FC, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat



Immunofluorescent analysis of SH-SY5Y cells, using DGCR8 antibody 10996-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-DGCR8 C-terminal (IP:10996-1-AP, 3ug; Detection:10996-1-AP 1:800) with HEK-293 cells lysate 2700ug.

DGCR8 is a RNA-binding protein that assists the RNase III enzyme Drosha in the processing of microRNAs (miRNAs), which regulate the expression of a large number of protein-coding genes (PMID: 22580560). DGCR8, which contains two double-stranded RNA (dsRNA)-binding domains, may be an essential component of the primary miRNAs processing complex, along with Drosha, promoting the processing of primary microRNA to precursor microRNA. It is ubiquitously expressed in human and mouse tissues, and is deleted in DiGeorge syndrome (22323604).

期刊	检测方法	应用种属	PMID
Cell	WB	human	22118463
Cell	WB	human	24581491
Cell	ChIP	mouse	28283057

\* 该手册中各期刊取最新影响因子



## 精选 CNS 引用抗体——Nature 篇

**nature**

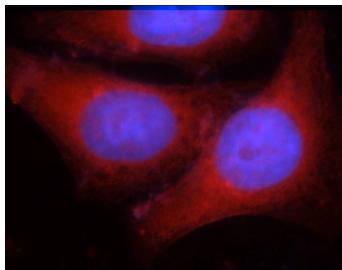
**IDH1 Antibody** (Cat.No.12332-1-AP)

18 Publications

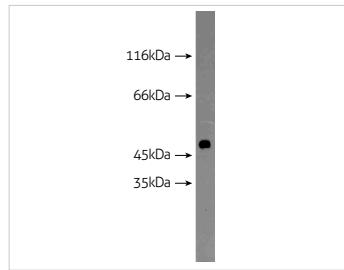
KD/KO validated

**Applications:** ELISA, FC, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat



Immunofluorescent analysis of HepG2 cells using 12332-1-AP(IDH1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



mouse liver tissue were subjected to SDS PAGE followed by western blot with 12332-1-AP(IDH1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours

IDH1, also named as PICD and IDP, belongs to the isocitrate and isopropylmalate dehydrogenases family. It is a common feature of a major subset of primary human brain cancers. It can form a homodimer(PMID:15173171).IDH1 mutation is always heterozygotic and IDH1 functions as a dimer, theoretically there will be 25% each wild type and mutant homo-dimers and 50% hetero-dimers present in the tumor cells(PMID:21079649 ).

期刊	检测方法	应用种属	PMID
Nature	WB	human	19935646
Nature	WB,IHC	human	22343901
Nature	WB	human	24805240

\* 该手册中各期刊取最新影响因子



## 精选 CNS 引用抗体——Science 篇

**Science**

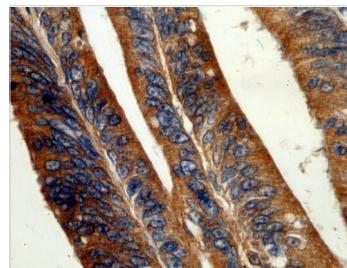
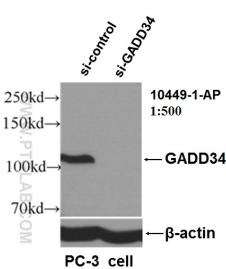
### GADD34 Antibody (Cat.No.11233-1-AP)

13 Publications

KD/KO validated

**Applications:** WB, IP, IHC, IF, ELISA

**Species specificity:** human, mouse, rat, hamster



GADD34 can be triggered as a direct target of activating transcription factor4 (ATF4) under ER stress, it plays a pivotal role in the recovery of cells from shut-down of translation induced by ER stress. It recruits the serine/threonine-protein phosphatase (PP1) to dephosphorylate the translation initiation factor eIF2alpha, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress.

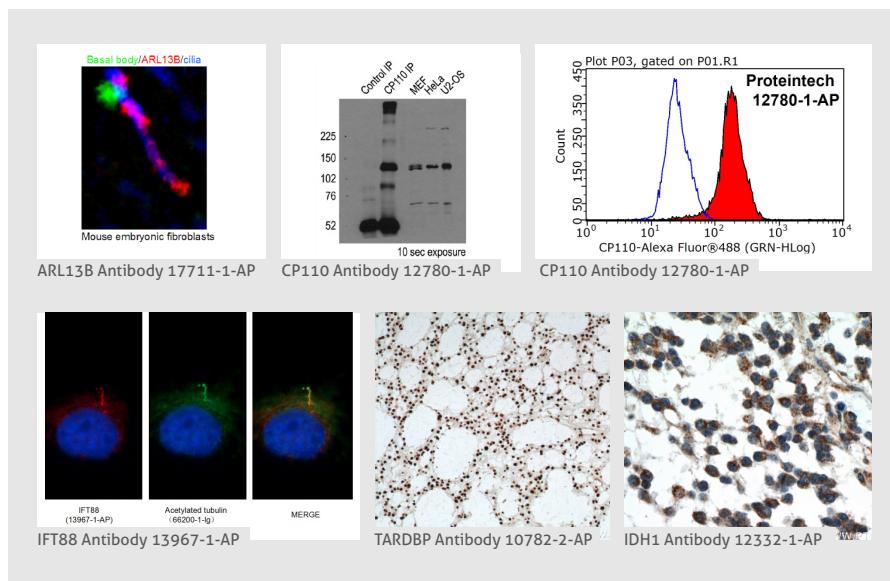
期刊	检测方法	应用种属	PMID
Science	WB	human	25859045
Science	WB,IP	human	21385720

## 引用频率高的 Proteintech

截止到 2018 年 1 月, Proteintech 产品被高分 (影响因子 > 20) SCI 文献引用次数高达 679 次。

### ※ 高分 SCI & 高引用频率的部分抗体

抗体名称	货号	高分 ( IF 大于 20 ) 文献引用次数	影响因子	期刊名
IFT88	13967-1-AP	20	20.76-38.6	Nature, Cell, Science, Nat Genet, Nat Methods……
TDP-43	10782-1-AP	17	28.71-38.6	Nature, Cell, Science, Nat Genet……
ARL13B	17711-1-AP	13	20.76-43.11	Cell, Nat Biotechnol, Cell Stem Cell……
CP110	12780-1-AP	6	20.76-38.6	Nature, Nat Cell Biol……
SIX2	11562-1-AP	9	20.76-28.71	Cell, Nat Cell Biol, Cell Stem Cell……
METTL3	15073-1-AP	8	25.32-38.6	Cell, Nat Biotechnol, Cell Stem Cell……
IDH1	12332-1-AP	5	22.39-38.6	Nature, Cancer Cell……



\* 该手册中各期刊取最新影响因子



# 高分 SCI 引用常客

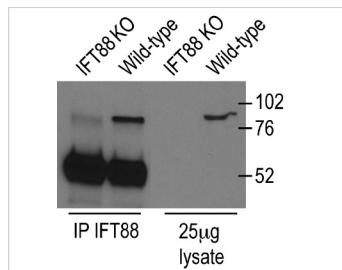
**IFT88 Antibody** (Cat.No. 13967-1-AP)

136 Publications

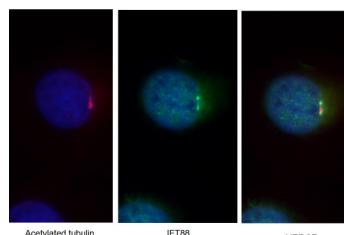
KD/KO validated

**Applications:** ELISA, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat, dog, chicken, zebrafish



IP and WB result of IFT88(13967-1-AP) from Dr. Corbit, Kevin. Knockout cells and WT cells.



Immunofluorescent analysis of ( 10% Formaldehyde ) fixed MDCK cells using 13967-1-AP(IFT88 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Affini-Pure Goat Anti-Rabbit IgG(H+L)

Intraflagellar transport (IFT), mediated by molecular motors and IFT particles, is an important transport process that occurs in the cilium and has been shown to be essential for the assembly and maintenance of cilia and flagella in many organisms. IFT88 (intraflagellar transport protein 88; also known as TG737 or TTC10) is a component of IFT particles and required for cilium biogenesis. Defects in IFT88/Tg737 lead to polycystic kidney disease (PMID:11062270). IFT88 localizes to spindle poles during mitosis and is required for spindle orientation in mitosis (PMID:21441926).

## Selected References:

- 1.Science.2015 Jun 5;348(6239):1155-60.
- 2.Nature.2013 Oct 10;502(7470):194-200.
- 3.Nature.2012 Mar 18;484(7392):125-9.
- 4.Cell.2011 Jun 24;145(7):1129-41.
- 5.Nat Methods.2013 Nov;10(11):1105-7.
- 6.Nat Genet.2017 Jul;49(7):1025-1034.
- 7.Cancer Cell.2016 Jan 11;29(1):5-16.



# 高分 SCI 引用常客

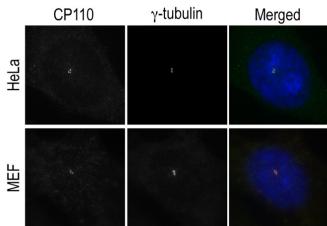
## CP110 Antibody (Cat.No. 12780-1-AP)

42 Publications

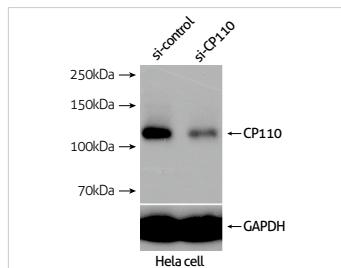
KD/KO validated

**Applications:** ELISA, FC, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat, dog, Xenopus



IF result(Centrioles) of anti-CP110(12780-1-AP) by Dr. Corbit Kevin.



WB result of CP110 antibody (12780-1-AP, 1:500) with si-control and si-CP110 transfected HeLa cells.

CP110, also named as CCP110 and KIAA0419, is an 110kDa protein. This gene is different to the gene CEP110 (geneID:11064; CNTRL). CP110 is a centriolar protein that positively regulates centriole duplication while restricting centriole elongation and ciliogenesis. And it acts as a key negative regulator of ciliogenesis in collaboration with CEP97 by capping the mother centriole thereby preventing cilia formation.

### Selected References:

- 1.Nature.2013 Mar 14;495(7440):255-9.
- 2.Nat Cell Biol.2015 Feb;17(2):113-22.
- 3.Nat Cell Biol.2015 Jan;17(1):31-43.
- 4.Nat Cell Biol.2013 Dec;15(12):1434-44.
- 5.Nat Cell Biol. 2013 Jun;15(6):591-601.
- 6.Nat Cell Biol.2012 Jun 10;14(7):697-706.
- 7. Cell Biol.2017 May 1;216(5):1287-1300.



# 高分 SCI 引用常客

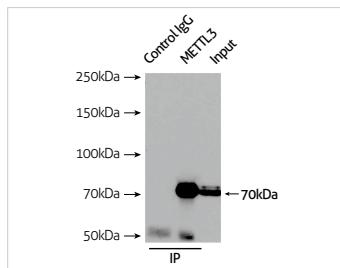
## METTL3 Antibody (Cat.No. 15073-1-AP)

22 Publications

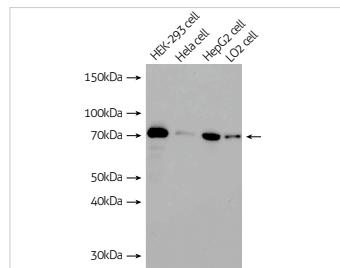
KD/KO validated

**Applications:** ELISA, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat



IP Result of anti-METTL3 (IP:15073-1-AP, 4ug; Detection:15073-1-AP 1:1000) with HEK-293 cells lysate 4500ug.



Various lysates were subjected to SDS PAGE followed by western blot with 15073-1-AP (METTL3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours

METTL3 is a key S-adenosyl-L-methionine-binding subunit, which is component of a complex multicomponent enzyme that catalyzes the methylation of internal adenosine residues in eukaryotic mRNA, forming N6-methyladenosine. It contains 2 putative nuclear localization signals and 2 consensus methylation motifs.

### Selected References

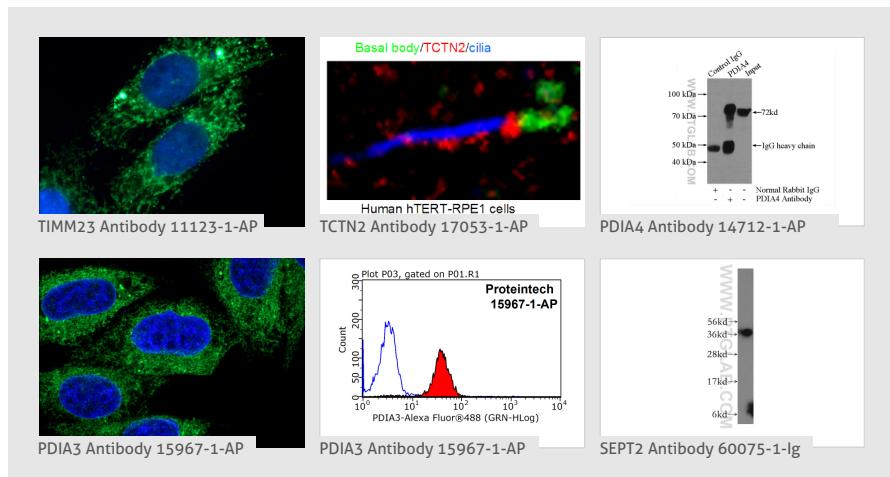
1. Cell. 2013 Nov 7;155(4):793-806.
2. Nature. 2014 Jan 2;505(7481):117-20.
3. Cell Stem Cell.2014 Dec 4;15(6):707-19.
4. Cell Stem Cell. 2015 Mar 5;16(3):289-301.
5. Cell.2017 Apr 6;169(2):326-337.

# 高分 SCI 中的 Proteintech 组合抗体

Proteintech 抗体种类齐全，质量稳定，多次被高分文章同时引用。

## ※ 高分 SCI 中的 Proteintech 部分组合抗体一览

PMID	文章	期刊	发表时间	影响因子	研究领域	抗体名称	货号	检测方法
25083871	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	2014/7/31	31.96	线粒体	Tim23	11123-1-AP	WB
						TOM20	11802-1-AP	WB
						ELL2	12727-1-AP	WB
						ERp72	14712-1-AP	WB
						HSP60	15282-1-AP	WB
						ERp57	15967-1-AP	WB
						HDAC4	17449-1-AP	WB
						ND1	19703-1-AP	WB
						TFAM	19998-1-AP	WB
						TACO1/CCDC44	21147-1-AP	WB
23832071	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	2013/7/7	26.2	外泌体	ALB	16475-1-AP	WB,IF
						ALIX; AIP1	12422-1-AP	WB
						APOBEC3G	10608-1-AP	WB
						CHOP; GADD153	15204-1-AP	WB
						G1P3	11246-1-AP	WB
						IFITM1	11727-3-AP	WB
						RAB27A	17817-1-AP	WB
						TNFAIP8L2	15940-1-AP	WB
						TSG101	14497-1-AP	WB



\* 该手册中各期刊取最新影响因子



# 精选高分 SCI 引用抗体

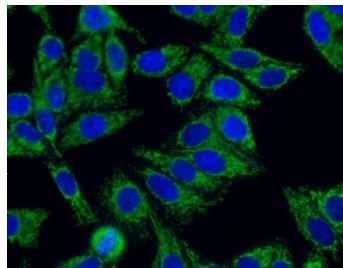
**TOM20 Antibody** (Cat.No. 11802-1-AP)

32 Publications

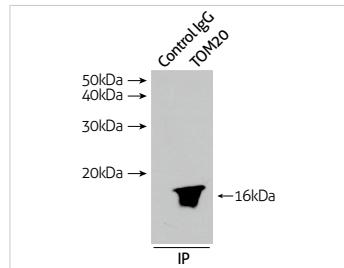
KD/KO validated

**Applications:** ELISA, FC, IF, IHC, IP, WB

**Species specificity:** human, mouse, rat



Immunofluorescent analysis of ( 4% PFA ) fixed HepG2 cells using 11802-1-AP(TOM20 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-TOM20 (IP:11802-1-AP, 3ug; Detection:11802-1-AP 1:2000) with HEK-293 cells lysate 2400ug.

TOMM20, also named as KIAA0016, belongs to the Tom20 family. It is a central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22, TOMM20 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore. TOMM20 is characterized as major docking receptors to mediate the recognition by different mechanisms.

## ※ 精选其他线粒体抗体

抗体名称	货号	类型	应用	文献数量
ATP5A1	14676-1-AP	PAb	ELISA,WB,IHC,IF	17
COXIV	11242-1-AP	PAb	ELISA,WB,IHC,IP,IF,FC	48
CPT1A	15184-1-AP	PAb	ELISA,WB,IHC,IF,IP	52
ECHS1	11305-1-AP	PAb	ELISA,WB,IHC,IP	14
FIS1	10956-1-AP	PAb	ELISA,WB,IHC,IF,IP	39
MFF	17090-1-AP	PAb	ELISA,WB,IHC,IF,IP	36
MFN2	12186-1-AP	PAb	ELISA,WB,IHC,IF,IP	24
Mitoflin	10179-1-AP	PAb	ELISA,WB,IHC,IF,FC	18
MTCO2	55070-1-AP	PAb	ELISA,WB,IHC,IF,FC	13
NDUFS1	12444-1-AP	PAb	ELISA,WB,IHC,IF	13
SMCR7L	20164-1-AP	PAb	ELISA,WB,IHC,IF,IP	18
TOM20	11802-1-AP	PAb	ELISA,WB,IHC,IF,FC,IP	32
VDAC1	10866-1-AP	PAb	ELISA,WB,IHC,IF,IP	32

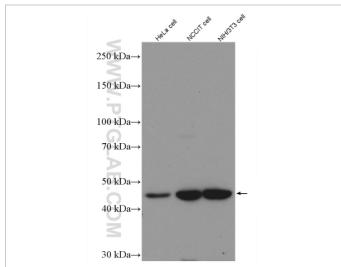
\* 该手册中各期刊取最新影响因子



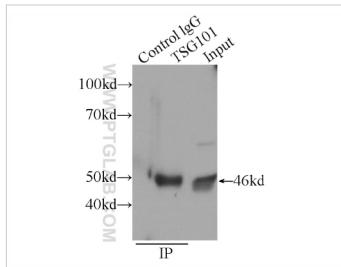
## 精选高分 SCI 引用抗体

**TSG101 Antibody** (Cat.No.14497-1-AP)

22 Publications



Various lysates were subjected to SDS PAGE followed by western blot with 14497-1-AP (TSG101 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



IP Result of anti-TSG101 (IP:14497-1-AP, 3ug; Detection:14497-1-AP 1:500) with HeLa cells lysate 1320ug.

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing.

## ※ 精选其他纤毛抗体

抗体名称	货号	类型	应用	文献数量
AC3	19492-1-AP	PAb	ELISA, WB, IHC, IP, IF	0
acetylated Tubulin (Lys40)	66200-1-Ig	MAb	ELISA, WB, IHC, IF	3
ARL13B	17711-1-AP	PAb	ELISA, WB, IHC, IP, IF	94
BBS2	11188-2-AP	PAb	ELISA, IF, IHC, IP, WB	8
BBS5	14569-1-AP	PAb	ELISA, IF, IHC, IP, WB	13
BBS7	18961-1-AP	PAb	ELISA, WB, IP, IHC	4
Centrin 1	12794-1-AP	PAb	ELISA, WB, IF	6
Centrin 2	15877-1-AP	PAb	ELISA, IHC, WB	4
CEP250	14498-1-AP	PAb	ELISA, WB, IP, IHC, IF	5
CP110	12780-1-AP	PAb	ELISA, WB, IF, IP, FC, IHC	29
IFT20	13615-1-AP	PAb	ELISA, IF, WB, IP, IHC	15
IFT88	13967-1-AP	PAb	ELISA, WB, IP, IHC, IF	94
pericentrin	22271-1-AP	PAb	ELISA, IF	1

\* 该手册中各期刊取最新影响因子

## ※ Proteintech-- 高分 SCI ( IF > 20 ) 引用抗体一览

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
myosin II	customized	Myosin II functions in actin-bundle turnover in neuronal growth cones.	Nat Cell Biol	20.76	—	—	16501565
TipN	customized	A landmark protein essential for establishing and perpetuating the polarity of a bacterial cell.	Cell	31.96	—	—	16530047
LRP6	customized	The LDL receptor-related protein LRP6 mediates internalization and lethality of anthrax toxin.	Cell	31.96	—	—	16564009
MPV17	10310-1-AP	MPV17 encodes an inner mitochondrial membrane protein and is mutated in infantile hepatic mitochondrial DNA depletion.	Nat Genet	35.21	WB,IF	human	16582910
DHX38	10098-2-AP	Blimp1 associates with Prmt5 and directs histone arginine methylation in mouse germ cells.	Nat Cell Biol	20.76	WB, IF, IP, ChIP	mouse	16699504
BRIT1	customized	BRIT1 regulates early DNA damage response, chromosomal integrity, and cancer.	Cancer Cell	24.75	—	—	16872911
ARL7	10202-1-AP	A rapid, reversible, and tunable method to regulate protein function in living cells using synthetic small molecules.	Cell	31.96	IF,FC	mouse	16959577
TARDBP	10782-2-AP	Ubiquitinated TDP-43 in frontotemporal lobar degeneration and amyotrophic lateral sclerosis.	Science	31.03	WB, IHC, IF, IP	human	17023659
RRM1	10526-1-AP	DNA synthesis and repair genes RRM1 and ERCC1 in lung cancer.	N Engl J Med	54.42	WB, IF	human	17314339
Cdc25	customized	Regulation of Cdc25C by ERK-MAP kinases during the G2/M transition.	Cell	31.96	—	—	17382881
EIF6	10291-1-AP	MicroRNA silencing through RISC recruitment of eIF6.	Nature	38.6	WB	human	17507929
MCP-4	customized	Mast cells promote atherosclerosis by releasing proinflammatory cytokines.	Nat Med	22.86	—	—	17546038
Cul4A	14851-1-AP	COP9 signalosome subunit 8 is essential for peripheral T cell homeostasis and antigen receptor-induced entry into the cell cycle from quiescence.	Nat Immunol	26.2	WB	mouse	17906629
cIAP1	10022-1-AP	Birc2 (cIAP1) regulates endothelial cell integrity and blood vessel homeostasis.	Nat Genet	35.21	WB,IF	zebrafish	17934460
SNMP	customized	An essential role for a CD36-related receptor in pheromone detection in Drosophila.	Nature	38.6	—	—	17943085
GDI2	10116-1-AP	A bifunctional bacterial protein links GDI displacement to Rab1 activation.	Science	31.03	WB	monkey	17947549
MBIP	10685-1-AP	Characterizing the cancer genome in lung adenocarcinoma.	Nature	38.6	WB	human	17982442
RPS3	customized	Ribosomal protein S3: a KH domain subunit in NF-κappaB complexes that mediates selective gene regulation.	Cell	31.96	—	—	18045535
OS9	10061-1-AP	OS-9 and GRP94 deliver mutant alpha1-antitrypsin to the Hrd1-SEL1L ubiquitin ligase complex for ERAD.	Nat Cell Biol	20.76	WB	human	18264092
TDP-43	10782-2-AP	TDP-43 mutations in familial and sporadic amyotrophic lateral sclerosis.	Science	37.21	WB	human	18309045
PKM1	customized	The M2 splice isoform of pyruvate kinase is important for cancer metabolism and tumour growth.	Nature	38.6	—	—	18337823
PKM2	customized	The M2 splice isoform of pyruvate kinase is important for cancer metabolism and tumour growth.	Nature	38.6	—	—	18337823
pGSK3beta	customized	Phosphorylation by p38 MAPK as an alternative pathway for GSK3beta inactivation.	Science	31.03	—	—	18451303
Pirt	customized	Pirt, a phosphoinositide-binding protein, functions as a regulatory subunit of TRPV1.	Cell	31.96	—	—	18455988

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
DSCAM	customized	DSCAM is a netrin receptor that collaborates with DCC in mediating turning responses to netrin-1.	Cell	31.96	—	—	18585357
DMAP1	10411-1-AP	An RNAi screen of chromatin proteins identifies Tip60-p400 as a regulator of embryonic stem cell identity.	Cell	31.96	WB	human	18614019
TRPML	customized	Motor deficit in a Drosophila model of mucolipidosis type IV due to defective clearance of apoptotic cells.	Cell	31.96	WB		19041749
AK2	11014-1-AP	Reticular dysgenesis (aleukocytosis) is caused by mutations in the gene encoding mitochondrial adenylylate kinase 2.	Nat Genet	35.21	IHC	zebrafish	19043417
TRF1	customized	Essential role of Pin1 in the regulation of TRF1 stability and telomere maintenance.	Nat Cell Biol	20.76	—	—	19060891
IR25a	customized	Variant ionotropic glutamate receptors as chemosensory receptors in Drosophila.	Cell	31.96	—	—	19135896
SPOP	customized	Analysis of Drosophila segmentation network identifies a JNK pathway factor overexpressed in kidney cancer.	Science	31.03	—	—	19164706
TARDBP	10782-2-AP	Mutations in FUS, an RNA processing protein, cause familial amyotrophic lateral sclerosis type 6.	Science	31.03	IHC	human	19251628
Ag85B	customized	Autophagy enhances the efficacy of BCG vaccine by increasing peptide presentation in mouse dendritic cells.	Nat Med	22.86	—	—	19252503
RAK	customized	Rak functions as a tumor suppressor by regulating PTEN protein stability and function.	Cancer Cell	24.75	—	—	19345329
PPP1R15A	10449-1-AP	An inhibitor of NEDD8-activating enzyme as a new approach to treat cancer.	Nature	38.6	WB	human	19360080
EIF3M	11423-1-AP	Genome-wide silencing in Drosophila captures conserved apoptotic effectors.	Nature	38.6	WB	human	19483676
LIN28	11724-1-AP	Lin28 promotes transformation and is associated with advanced human malignancies.	Nat Genet	35.21	WB,IHC	human, mouse	19483683
p-NPR1 (pS11/15)	customized	Proteasome-mediated turnover of the transcription coactivator NPR1 plays dual roles in regulating plant immunity.	Cell	31.96	—	—	19490895
STX6	10841-1-AP	IRAP identifies an endosomal compartment required for MHC class I cross-presentation.	Science	31.03	IF	mouse	19498108
SAMHD1	12586-1-AP	Mutations involved in Aicardi-Goutières syndrome implicate SAMHD1 as regulator of the innate immune response.	Nat Genet	35.21	IF	human	19525956
LIN28	11724-1-AP	A role for Lin28 in primordial germ-cell development and germ-cell malignancy.	Nature	38.6	IHC	mouse	19578360
DGCR8	10996-1-AP	Modulation of microRNA processing by p53.	Nature	38.6	WB	human	19626115
PYCR1	13108-1-AP	Mutations in PYCR1 cause cutis laxa with progeroid features.	Nat Genet	35.21	WB,IF	zebrafish	19648921
RAC2	10735-1-AP	In vivo RNAi screening identifies regulators of actin dynamics as key determinants of lymphoma progression.	Nat Genet	35.21	WB	mouse	19783987
DCTN2	10031-2-AP	Foxo1 integrates insulin signaling with mitochondrial function in the liver.	Nat Med	22.86	WB	mouse	19838201
IDH1	12332-1-AP	Cancer-associated IDH1 mutations produce 2-hydroxyglutarate.	Nature	38.6	WB	human	19935646
SEC5	12751-1-AP	M-Sec promotes membrane nanotube formation by interacting with Ral and the exocyst complex.	Nat Cell Biol	20.76	WB	human	19935652
CDCA4	11625-1-AP	The DLEU2/miR-15a/16-1 cluster controls B cell proliferation and its deletion leads to chronic lymphocytic leukemia.	Cancer Cell	24.76	WB	mouse	20060366
IFITM1	60074-1-lg	The IFITM proteins mediate cellular resistance to influenza A H1N1 virus, West Nile virus, and dengue virus.	Cell	31.96	WB	human	20064371

\* 该手册中各期刊取最新影响因子

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
IFITM2	12769-1-AP	The IFITM proteins mediate cellular resistance to influenza A H1N1 virus, West Nile virus, and dengue virus.	Cell	31.96	WB	human	20064371
LIN28	11724-1-AP	A nonviral minicircle vector for deriving human iPS cells.	Nat Methods	23.57	WB,IF	human	20139967
TP1	10713-1-AP	The histone deacetylase Sirt6 regulates glucose homeostasis via Hif1alpha.	Cell	31.96	WB	mouse	20141841
KEAP1	10503-2-AP	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1.	Nat Cell Biol	20.76	WB,IF	human, mouse	20173742
VPS33B	12195-1-AP	Mutations in VIPAR cause an arthrogryposis, renal dysfunction and cholestasis syndrome phenotype with defects in epithelial polarization.	Nat Genet	35.21	WB,IF,IP	human, mouse	20190753
CDT1	14382-1-AP	Skp2 targeting suppresses tumorigenesis by Arf-p53-independent cellular senescence.	Nature	38.6	WB,IHC	mouse	20237562
PTK2	12636-1-AP	Gain of miR-151 on chromosome 8q24.3 facilitates tumour cell migration and spreading through downregulating RhoGDIα.	Nat Cell Biol	20.76	WB	human	20305651
CNOT3	11135-1-AP	A global <i>in vivo</i> Drosophila RNAi screen identifies NOT3 as a conserved regulator of heart function.	Cell	31.96	IF	mouse	20371351
TARDBP	10782-2-AP	Mutations of optineurin in amyotrophic lateral sclerosis.	Nature	38.6	IHC	human	20428114
LIN28	11724-1-AP	Lin28a transgenic mice manifest size and puberty phenotypes identified in human genetic association studies.	Nat Genet	35.21	IHC	mouse	20512147
SIX2	11562-1-AP	Wilms tumor chromatin profiles highlight stem cell properties and a renal developmental network.	Cell Stem Cell	25.32	IF	human	20569696
BBS2	11188-2-AP	The conserved Bardet-Biedl syndrome proteins assemble a coat that traffics membrane proteins to cilia.	Cell	31.96	IF	human	20603001
BBS5	14569-1-AP	The conserved Bardet-Biedl syndrome proteins assemble a coat that traffics membrane proteins to cilia.	Cell	31.96	IF	human	20603001
AP1M1	12112-1-AP	Plasma membrane contributes to the formation of pre-autophagosomal structures.	Nat Cell Biol	20.76	WB	human	20639872
DDIT4	10638-1-AP	Pifz regulates germline progenitor self-renewal by opposing mTORC1.	Cell	31.96	WB	mouse	20691905
pSer118-Mdm2	customized	Phosphorylation by casein kinase I promotes the turnover of the Mdm2 oncoprotein via the SCF(beta-TRCP) ubiquitin ligase.	Cancer Cell	24.75	—	—	20708156
pSer118 pSer121-Mdm2	customized	Phosphorylation by casein kinase I promotes the turnover of the Mdm2 oncoprotein via the SCF(beta-TRCP) ubiquitin ligase.	Cancer Cell	24.75	—	—	20708156
TARDBP	10782-2-AP	Ataxin-2 intermediate-length polyglutamine expansions are associated with increased risk for ALS.	Nature	38.6	WB, IHC, IF	human	20740007
TRIM25	12573-1-AP	Caspase-12 controls West Nile virus infection via the viral RNA receptor RIG-I.	Nat Immunol	26.2	WB	mouse	20818395
SDCCAG8	13471-1-AP	Candidate exome capture identifies mutation of SDCCAG8 as the cause of a retinal-renal cilopathy.	Nat Genet	35.21	WB,IF	human, zebrafish	20835237
RAB3IP	12321-1-AP	A molecular network for de novo generation of the apical surface and lumen.	Nat Cell Biol	20.76	WB,IF	dog	20890297
RAB8A	55296-1-AP	A molecular network for de novo generation of the apical surface and lumen.	Nat Cell Biol	20.76	WB,IF	dog	20890297
RAB8B	11792-1-AP	A molecular network for de novo generation of the apical surface and lumen.	Nat Cell Biol	20.76	WB	dog	20890297

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
XND-1	customized	xnd-1 regulates the global recombination landscape in <i>Caenorhabditis elegans</i> .	Nature	38.6	—	—	20944745
CUL4B	12916-1-AP	Nuclear cyclin D1/CDK4 kinase regulates CUL4 expression and triggers neoplastic growth via activation of the PRMT5 methyltransferase.	Cancer Cell	24.75	WB	mouse	20951943
IFT88	13967-1-AP	Primary cilia regulate mTORC1 activity and cell size through Lkb1.	Nat Cell Biol	20.76	WB	dog	20972424
IDH1	12332-1-AP	Leukemic IDH1 and IDH2 mutations result in a hypermethylation phenotype, disrupt TET2 function, and impair hematopoietic differentiation.	Cancer Cell	24.76	WB	human	21130701
RRM1	10526-1-AP	The ribonucleotide reductase large subunit (RRM1) as a predictive factor in patients with cancer.	Lancet Oncol	24.73	IF	human	21163702
TRIM24	14208-1-AP	TRIM24 links a non-canonical histone signature to breast cancer.	Nature	38.6	IHC	human	21164480
EXOC5	17593-1-AP	RalB and the exocyst mediate the cellular starvation response by direct activation of autophagosome assembly.	Cell	31.96	WB	human	21241894
COLEC11	15269-1-AP	Mutations in lectin complement pathway genes COLEC11 and MASP1 cause 3MC syndrome.	Nat Genet	35.21	IHC,IF	mouse	21258343
GADD34	10449-1-AP	Selective inhibition of a regulatory subunit of protein phosphatase 1 restores proteostasis.	Science	31.03	WB,IP	human	21385720
ARL8B	13049-1-AP	Lysosomal positioning coordinates cellular nutrient responses.	Nat Cell Biol	20.76	WB	human	21394080
NDE1	10233-1-AP	Nde1-mediated inhibition of ciliogenesis affects cell cycle re-entry.	Nat Cell Biol	20.76	WB,IF	human, mouse	21394081
IFT52	17534-1-AP	The cilia protein IFT88 is required for spindle orientation in mitosis.	Nat Cell Biol	20.76	WB	human	21441926
IFT88	13967-1-AP	The cilia protein IFT88 is required for spindle orientation in mitosis.	Nat Cell Biol	20.76	WB,IF	human	21441926
AEBP2	11232-2-AP	Dual functions of Tet1 in transcriptional regulation in mouse embryonic stem cells.	Nature	38.6	WB	mouse	21451524
pS585-PER	customized	NEMO/NLK phosphorylates PERIOD to initiate a time-delay phosphorylation circuit that sets circadian clock speed.	Cell	31.96	WB	Drosophila	21514639
pS589-PER	customized	NEMO/NLK phosphorylates PERIOD to initiate a time-delay phosphorylation circuit that sets circadian clock speed.	Cell	31.96	WB	Drosophila	21514639
pS596-PER	customized	NEMO/NLK phosphorylates PERIOD to initiate a time-delay phosphorylation circuit that sets circadian clock speed.	Cell	31.96	WB	Drosophila	21514639
IFT88	13967-1-AP	Complex interactions between genes controlling trafficking in primary cilia.	Nat Genet	35.21	IF	mouse	21552265
ATXN10	15693-1-AP	Mapping the NPHP-JBTS-MKS protein network reveals ciliopathy disease genes and pathways.	Cell	31.96	WB	mouse	21565611
TCTN2	17053-1-AP	Mapping the NPHP-JBTS-MKS protein network reveals ciliopathy disease genes and pathways.	Cell	31.96	WB	mouse	21565611
IFT88	13967-1-AP	Centriolar kinesin Kif24 interacts with CP110 to remodel microtubules and regulate ciliogenesis.	Cell	31.96	IF	human	21620453
MYL3	10913-1-AP	A pipeline that integrates the discovery and verification of plasma protein biomarkers reveals candidate markers for cardiovascular disease.	Nat Biotechnol	32.44	WB	human	21685905
IFT88	13967-1-AP	A role for the primary cilium in Notch signaling and epidermal differentiation during skin development.	Cell	31.96	WB,IF	mouse	21703454
BB55	14569-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	human	21725307

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
IFT88	13967-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	mouse	21725307
MKS1	16206-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	WB,IF	human, mouse	21725307
NPHP4	13812-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	human, mouse	21725307
SEPT2	60075-1-Ig	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	mouse	21725307
TCTN1	15004-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	human	21725307
TCTN2	17053-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	WB,IF	human	21725307
TCTN3	16085-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	WB,IF	human	21725307
TMEM67	13975-1-AP	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.	Nat Genet	35.21	IF	human, mouse	21725307
TSPYL2	12087-2-AP	Glioma stem cell proliferation and tumor growth are promoted by nitric oxide synthase-2.	Cell	31.96	WB	human	21729780
Sec61a	customized	Stepwise insertion and inversion of a type I signal anchor sequence in the ribosome-Sec61 translocon complex.	Cell	31.96	—	—	21729785
phosphorylated IRAK1 (Ser173)	customized	Essential role for the prolyl isomerase Pin1 in Toll-like receptor signaling and type I interferon-mediated immunity.	Nat Immunol	26.2	WB	human	21743479
PYCR1	13108-1-AP	Functional genomics reveal that the serine synthesis pathway is essential in breast cancer.	Nature	38.6	WB	human	21760589
FGF9	customized	Cytoskeletal polarity mediates localized induction of the heart progenitor lineage.	Nat Cell Biol	20.76	IF	Ciona	21785423
MAGT1	17430-1-AP	Second messenger role for Mg <sup>2+</sup> revealed by human T-cell immunodeficiency.	Nature	38.6	WB,IF	human	21796205
RNF2	16031-1-AP	Coordinated regulation of polycomb group complexes through microRNAs in cancer.	Cancer Cell	24.76	WB	human	21840484
FUS	11570-1-AP	Mutations in UBQLN2 cause dominant X-linked juvenile and adult-onset ALS and ALS/dementia.	Nature	38.6	IHC,IF	human	21857683
TARDBP	10782-2-AP	Mutations in UBQLN2 cause dominant X-linked juvenile and adult-onset ALS and ALS/dementia.	Nature	38.6	IHC,IF	human	21857683
TARDBP	60019-2-Ig	Mutations in UBQLN2 cause dominant X-linked juvenile and adult-onset ALS and ALS/dementia.	Nature	38.6	IHC,IF	human	21857683
MFF	17090-1-AP	ER tubules mark sites of mitochondrial division.	Science	31.03	WB	monkey	21885730
CETN2	15877-1-AP	A DNA repair complex functions as an Oct4/Sox2 coactivator in embryonic stem cells.	Cell	31.96	WB	human	21962512
OSMR	10982-1-AP	Oncostatin M is a major mediator of cardiomyocyte dedifferentiation and remodeling.	Cell Stem Cell	25.32	WB	human, mouse	22056139
DACH1	10914-1-AP	Excitation-induced ataxin-3 aggregation in neurons from patients with Machado-Joseph disease.	Nature	38.6	IF	human	22113611
DGCR8	10996-1-AP	Lin28A and Lin28B inhibit let-7 microRNA biogenesis by distinct mechanisms.	Cell	31.96	WB	human	22118463
ZCCHC11	18980-1-AP	Lin28A and Lin28B inhibit let-7 microRNA biogenesis by distinct mechanisms.	Cell	31.96	WB	human	22118465

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FAM8A1	customized	Defining human ERAD networks through an integrative mapping strategy.	Nat Cell Biol	20.76	WB		22119785
ARL13B	17711-1-AP	A ciliopathy complex at the transition zone protects the cilia as a privileged membrane domain.	Nat Cell Biol	20.76	IF	mouse	22179047
TCTN1	15004-1-AP	A ciliopathy complex at the transition zone protects the cilia as a privileged membrane domain.	Nat Cell Biol	20.76	WB	mouse	22179047
CTNNA3	13974-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
IVNS1ABP	14741-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
JTV1	10424-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
NOL12	15456-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
SDCCAG8	13471-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
SLA/LP	11551-1-AP	Global landscape of HIV-human protein complexes.	Nature	38.6	WB	human	22190034
IDH1	12332-1-AP	IDH mutation impairs histone demethylation and results in a block to cell differentiation.	Nature	38.6	WB,IHC	human	22343901
DEK	16448-1-AP	Maintenance of muscle stem-cell quiescence by microRNA-489.	Nature	38.6	IF	mouse	22358842
BAG3	10599-1-AP	Mutations affecting the cytoplasmic functions of the co-chaperone DNAJB6 cause limb-girdle muscular dystrophy.	Nat Genet	35.21	WB,IHC	monkey	22366786
GLS	12855-1-AP	Systemic elevation of PTEN induces a tumor-suppressive metabolic state.	Cell	31.96	WB	mouse	22401813
KLHL3	16951-1-AP	KLHL3 mutations cause familial hyperkalemic hypertension by impairing ion transport in the distal nephron.	Nat Genet	35.21	IHC	mouse	22406640
CDCA8	12465-1-AP	ESCRT-III governs the Aurora B-mediated abscission checkpoint through CHMP4C.	Science	37.21	IF	human	22422861
IFT88	13967-1-AP	Small-molecule inhibitors of the AAA+ ATPase motor cytoplasmic dynein.	Nature	38.6	IF	mouse	22425997
KIAA0430	customized	MARF1 regulates essential oogenic processes in mice.	Science	31.03	WB	mouse	22442484
IFITM3	11714-1-AP	IFITM3 restricts the morbidity and mortality associated with influenza.	Nature.	38.6	WB	human	22446628
MX1	13750-1-AP	IFITM3 restricts the morbidity and mortality associated with influenza.	Nature.	38.6	WB	human	22446628
ODZ1	21696-1-AP	The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity.	Nature	38.6	WB	human	22460905
FAM38A	15939-1-AP	Crowding induces live cell extrusion to maintain homeostatic cell numbers in epithelia.	Nature	38.6	WB	mouse, zebrafish	22504183
SNX17	10275-1-AP	Sorting nexin 17 prevents lysosomal degradation of $\beta$ 1 integrins by binding to the $\beta$ 1-integrin tail.	Nat Cell Biol	20.76	WB	mouse	22561348
RDPB	10705-1-AP	Hsp90 globally targets paused RNA polymerase to regulate gene expression in response to environmental stimuli.	Cell	31.96	WB	human, mouse	22579285
PPP1R15A	10449-1-AP	Sustained translational repression by eIF2 $\alpha$ -P mediates prion neurodegeneration.	Nature	38.6	WB,IHC	mouse	22622579
GATA3	10417-1-AP	Lunatic fringe deficiency cooperates with the Met/Caveolin gene amplicon to induce basal-like breast cancer.	Cancer Cell	24.76	IHC	human	22624713
MEF2C	10056-1-AP	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells.	Nat Biotechnol	32.44	IF	human	22634564

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
P4HB	11245-1-AP	Heart repair by reprogramming non-myocytes with cardiac transcription factors.	Nature	38.6	IHC	human, mouse	22660318
RBM4	11614-1-AP	An oxygen-regulated switch in the protein synthesis machinery.	Nature	38.6	WB	human	22678294
FAM96B	20108-1-AP	MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity.	Science	31.03	WB	human	22678362
ISCU	14812-1-AP	MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity.	Science	31.03	WB	human	22678362
MMS19	66049-1-lg	MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity.	Science	31.03	WB	human	22678362
POLD1	15646-1-AP	MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity.	Science	31.03	WB	human	22678362
ABLM1	15129-1-AP	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	WB	human	22684256
ACTR2	10922-1-AP	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	WB	human	22684256
CDK6	14052-1-AP	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	WB	human	22684256
CP110	12780-1-AP	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	WB,IF	human	22684256
GAPDH	60004-1-lg	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	WB	human	22684256
RAB11A	15903-1-AP	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics.	Nat Cell Biol	20.76	IF	human	22684256
GPC4	13048-1-AP	Astrocyte glycans 4 and 6 promote formation of excitatory synapses via GluA1 AMPA receptors.	Nature	38.6	WB	mouse	22722203
EIF2A	11233-1-AP	Leucine-tRNA initiates at CUG start codons for protein synthesis and presentation by MHC class I.	Science	31.03	WB	human	22745432
LGTN	12840-1-AP	Leucine-tRNA initiates at CUG start codons for protein synthesis and presentation by MHC class I.	Science	31.03	WB	human	22745432
FXYD2	11198-1-AP	Identification of stem cell populations in sweat glands and ducts reveals roles in homeostasis and wound repair.	Cell	31.96	IHC	mouse	22770217
MTA3	14682-1-AP	The polycomb group protein L3mbtl2 assembles an atypical PRC1-family complex that is essential in pluripotent stem cells and early development.	Cell Stem Cell	25.32	WB	mouse	22770845
ME1	16619-1-AP	Nrf2 redirects glucose and glutamine into anabolic pathways in metabolic reprogramming.	Cancer Cell	24.76	WB	human	22789539
MTHFD2	12270-1-AP	Nrf2 redirects glucose and glutamine into anabolic pathways in metabolic reprogramming.	Cancer Cell	24.76	WB	human	22789539
PPAT	15401-1-AP	Nrf2 redirects glucose and glutamine into anabolic pathways in metabolic reprogramming.	Cancer Cell	24.76	WB	human	22789539
TALDO1	12376-1-AP	Nrf2 redirects glucose and glutamine into anabolic pathways in metabolic reprogramming.	Cancer Cell	24.76	WB	human	22789539
MPZL2	11787-1-AP	Beige adipocytes are a distinct type of thermogenic fat cell in mouse and human.	Cell	31.96	WB	mouse	22796012
TARDBP	10782-2-AP	Mutations in the profilin 1 gene cause familial amyotrophic lateral sclerosis.	Nature	38.6	IF	mouse	22801503
CRABP2	10225-1-AP	A single progenitor population switches behavior to maintain and repair esophageal epithelium.	Science	31.03	IF	mouse	22821983
PIP5K1A	15713-1-AP	Claudin and phosphatidylinositol-4,5-bisphosphate regulate autophagic lysosome reformation.	Nat Cell Biol	20.76	WB,IF	rat	22885770

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
PSMB5	19178-1-AP	Cancer vulnerabilities unveiled by genomic loss.	Cell	31.96	WB	human	22901813
PSMD2	14748-1-AP	Cancer vulnerabilities unveiled by genomic loss.	Cell	31.96	WB	human	22901813
BBS2	11188-2-AP	Asymmetric segregation of the double-stranded RNA binding protein Staufen2 during mammalian neural stem cell divisions promotes lineage progression.	Cell Stem Cell	25.32	IF	mouse	22902295
SAMHD1	12586-1-AP	SAMHD1 restricts HIV-1 infection in resting CD4(+) T cells.	Nat Med	22.86	WB,IHC, IF	human	22972397
XRN2	11267-1-AP	Microprocessor, Setx, Xrn2, and Rrp6 cooperate to induce premature termination of transcription by RNAPII.	Cell	31.96	WB	human	22980978
UXT	11047-1-AP	Long non-coding antisense RNA controls Uchl1 translation through an embedded SINEB2 repeat.	Nature	38.6	WB	mouse	23064229
DBR1	16019-1-AP	Inhibition of RNA lariat debranching enzyme suppresses TDP-43 toxicity in ALS disease models.	Nat Genet	35.21	WB	human	23104007
SHARPIN	14626-1-AP	Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency.	Nat Immunol	26.2	WB	human	23104095
IFT88	13967-1-AP	The spinocerebellar ataxia-associated gene Tau tubulin kinase 2 controls the initiation of ciliogenesis.	Cell	31.96	IF	mouse	23141541
MKS1	16206-1-AP	The spinocerebellar ataxia-associated gene Tau tubulin kinase 2 controls the initiation of ciliogenesis.	Cell	31.96	IF	mouse	23141541
TMEM67	13975-1-AP	The spinocerebellar ataxia-associated gene Tau tubulin kinase 2 controls the initiation of ciliogenesis.	Cell	31.96	IF	mouse	23141541
ARIH2	15006-1-AP	ARIH2 is essential for embryogenesis, and its hematopoietic deficiency causes lethal activation of the immune system.	Nat Immunol	26.2	WB,IP	mouse	23179078
PNPLA6	14261-1-AP	FMRP targets distinct mRNA sequence elements to regulate protein expression.	Nature	38.6	WB	human	23235829
TELO2	15975-1-AP	SCFFbxo9 and CK2 direct the cellular response to growth factor withdrawal via Tel2/Tit1 degradation and promote survival in multiple myeloma.	Nat Cell Biol	20.76	WB	human	23263282
ARL13B	17711-1-AP	The ciliary G-protein-coupled receptor Gpr161 negatively regulates the Sonic hedgehog pathway via cAMP signaling.	Cell	31.96	IF	mouse	23332756
IFT88	13967-1-AP	The ciliary G-protein-coupled receptor Gpr161 negatively regulates the Sonic hedgehog pathway via cAMP signaling.	Cell	31.96	IF	mouse	23332756
OTUD7B	16605-1-AP	OTUD7B controls non-canonical NF- $\kappa$ B activation through deubiquitination of TRAF3.	Nature	38.6	WB,IP	mouse	23334419
TARDBP	10782-2-AP	The C9orf72 GGGGCC repeat is translated into aggregating dipeptide-repeat proteins in FTLD/ALS.	Science	31.03	IHC	human	23393093
TRAPPC3	15555-1-AP	A systematic mammalian genetic interaction map reveals pathways underlying ricin susceptibility.	Cell	31.96	WB	human	23394947
DHODH	14877-1-AP	Stimulation of de novo pyrimidine synthesis by growth signaling through mTOR and S6K1.	Science	37.21	WB	human, mouse	23429703
CPEB1	13274-1-AP	CPEB1 coordinates alternative 3'-UTR formation with translational regulation.	Nature	38.6	WB,IF,IP	human	23434754
SNRPB2	13512-1-AP	CPEB1 coordinates alternative 3'-UTR formation with translational regulation.	Nature	38.6	WB	human	23434754
GFP tag	50430-2-AP	TALEN-mediated precise genome modification by homologous recombination in zebrafish.	Nat Methods	23.57	WB		23435258
TARDBP	10782-2-AP	Mutations in prion-like domains in hnRNPA2B1 and hnRNPA1 cause multisystem proteinopathy and ALS.	Nature	38.6	WB,IHC	human	23455423

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PACS2	19508-1-AP	Autophagosomes form at ER-mitochondria contact sites.	Nature	38.6	WB	human	23455425
CP110	12780-1-AP	USP33 regulates centrosome biogenesis via deubiquitination of the centriolar protein CP110.	Nature	38.6	IF	human	23486064
TOMM70A	14528-1-AP	Landscape of the PARKIN-dependent ubiquitylome in response to mitochondrial depolarization.	Nature	38.6	WB	human	23503661
RB1CC1	10043-2-AP	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6.	Nat Cell Biol	20.76	WB	human	23524951
CSPG4	55027-1-AP	A global analysis of SNX27-retromer assembly and cargo specificity reveals a function in glucose and metal ion transport.	Nat Cell Biol	20.76	WB	human	23563491
KIDINS220	21856-1-AP	A global analysis of SNX27-retromer assembly and cargo specificity reveals a function in glucose and metal ion transport.	Nat Cell Biol	20.76	WB	human	23563491
STEAP3	17186-1-AP	A global analysis of SNX27-retromer assembly and cargo specificity reveals a function in glucose and metal ion transport.	Nat Cell Biol	20.76	WB	human	23563491
ACTL6A	10341-1-AP	Baf60c drives glycolytic metabolism in the muscle and improves systemic glucose homeostasis through Deptor-mediated Akt activation.	Nat Med	22.86	WB	mouse	23563706
DIS3	14689-1-AP	A role for the Perlman syndrome exonuclease Dis3l2 in the Lin28-let-7 pathway.	Nature	38.6	WB	mouse	23594738
ZCCHC11	18980-1-AP	A role for the Perlman syndrome exonuclease Dis3l2 in the Lin28-let-7 pathway.	Nature	38.6	WB	mouse	23594738
NSUN2	20854-1-AP	Identification of direct targets and modified bases of RNA cytosine methyltransferases.	Nat Biotechnol	32.44	WB	human	23604283
RPN1	12894-1-AP	Reconfiguration of the proteasome during chaperone-mediated assembly.	Nature	38.6	WB	yeast	23644457
CP110	12780-1-AP	CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base.	Nat Cell Biol	20.76	WB,IF	human	23644468
IFT88	13967-1-AP	CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base.	Nat Cell Biol	20.76	IF	human	23644468
TCTN1	15004-1-AP	CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base.	Nat Cell Biol	20.76	IF	human	23644468
TCTN2	17053-1-AP	CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base.	Nat Cell Biol	20.76	WB,IF	human	23644468
TMEM67	13975-1-AP	CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base.	Nat Cell Biol	20.76	WB,IF	human	23644468
SLC39A6	14236-1-AP	Genome-wide association study identifies common variants in SLC39A6 associated with length of survival in esophageal squamous-cell carcinoma.	Nat Genet	35.21	WB,IHC	human	23644492
CNOT1	14276-1-AP	Roquin promotes constitutive mRNA decay via a conserved class of stem-loop recognition motifs.	Cell	31.96	WB	human	23663784
GAPDH	10494-1-AP	Induction of pluripotency in mouse somatic cells with lineage specifiers.	Cell	31.96	WB	mouse	23706735
HOPX	11419-1-AP	Control of alveolar differentiation by the lineage transcription factors GATA6 and HOPX inhibits lung adenocarcinoma metastasis.	Cancer Cell	24.76	WB	human	23707782

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NDUFS1	12444-1-AP	Cardioprotection by S-nitrosation of a cysteine switch on mitochondrial complex I.	Nat Med	22.86	WB	mouse	23708290
RB1	10048-2-Ig	Zbtb7a suppresses prostate cancer through repression of a Sox9-dependent pathway for cellular senescence bypass and tumor invasion.	Nat Genet	35.21	IHC	mouse	23727861
SHARPIN	14626-1-AP	OTULIN Antagonizes LUBAC Signaling by Specifically Hydrolyzing Met1-Linked Polyubiquitin.	Cell	31.96	WB,IP	human	23746843
TARDBP	10782-2-AP	Eukaryotic Stress Granules Are Cleared by Autophagy and Cdc48/VCP Function.	Cell	31.96	IF	human	23791177
COX7A2L	11416-1-AP	Supercomplex assembly determines electron flux in the mitochondrial electron transport chain.	Science	37.21	WB	mouse	23812712
SETBP1	16841-1-AP	Somatic SETBP1 mutations in myeloid malignancies.	Nat Genet	35.21	WB	human	23832012
ALB	16475-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB,IF	human, mouse	23832071
ALIX; AIP1	12422-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
APOBEC3G	10608-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
CHOP; GADD153	15204-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
G1P3	11246-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
IFITM1	11727-3-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
RAB27A	17817-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
TNFAIP8L2	15940-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
TSG101	14497-1-AP	Exosomes mediate the cell-to-cell transmission of IFN- $\alpha$ -induced antiviral activity.	Nat Immunol	26.2	WB	human	23832071
KIAA0652	18258-1-AP	Noncanonical autophagy promotes the visual cycle.	Cell	31.96	WB	rat	23870125
RB1CC1	10043-2-AP	Noncanonical autophagy promotes the visual cycle.	Cell	31.96	WB	rat	23870125
EPB41	13014-1-AP	Cortical Dynein and asymmetric membrane elongation coordinately position the spindle in anaphase.	Cell	31.96	WB	human	23870127
CCT3	10571-1-AP	DYX1C1 is required for axonemal dynein assembly and ciliary motility.	Nat Genet	35.21	WB	mouse	23872636
CCT5	11603-1-AP	DYX1C1 is required for axonemal dynein assembly and ciliary motility.	Nat Genet	35.21	WB	mouse	23872636
CCT8	12263-1-AP	DYX1C1 is required for axonemal dynein assembly and ciliary motility.	Nat Genet	35.21	WB	mouse	23872636
DYX1C1	14522-1-AP	DYX1C1 is required for axonemal dynein assembly and ciliary motility.	Nat Genet	35.21	WB	mouse	23872636
beta actin	60008-1-Ig	A two-step mechanism for epigenetic specification of centromere identity and function.	Nat Cell Biol	20.76	WB	yeast	23873148
SCARF1	13702-1-AP	The scavenger receptor SCARF1 mediates the clearance of apoptotic cells and prevents autoimmunity.	Nat Immunol	26.2	IF	mouse	23892722
SHARPIN	14626-1-AP	Pellino3 ubiquitinates RIP2 and mediates Nod2-induced signaling and protective effects in colitis.	Nat Immunol	26.2	WB	mouse	23892723

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
PFKFB3	13763-1-AP	Role of PFKFB3-Driven Glycolysis in Vessel Sprouting.	Cell	31.96	WB	human	23911327
PEX5	12545-1-AP	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS.	Nat Cell Biol	20.76	WB	human	23955302
AMPH	13379-1-AP	Stromal-epithelial crosstalk regulates kidney progenitor cell differentiation.	Nat Cell Biol	20.76	WB,IHC	mouse	23974041
PLA2G7	15526-1-AP	Stromal-epithelial crosstalk regulates kidney progenitor cell differentiation.	Nat Cell Biol	20.76	WB	mouse	23974041
SIX2	11562-1-AP	Stromal-epithelial crosstalk regulates kidney progenitor cell differentiation.	Nat Cell Biol	20.76	WB,IHC	mouse	23974041
ARL13B	17711-1-AP	Molecular basis of tubulin transport within the cilium by IFT74 and IFT81.	Science	37.21	IF	human	23990561
SLC12A2	13884-1-AP	A causative link between inner ear defects and long-term striatal dysfunction.	Science	37.21	WB,IHC	mouse	24009395
SEC5	12751-1-AP	The deubiquitylase USP33 discriminates between RALB functions in autophagy and innate immune response.	Nat Cell Biol	20.76	WB,IF	human	24056301
ARL13B	17711-1-AP	Genetically encoded calcium indicator illuminates calcium dynamics in primary cilia.	Nat Methods	23.57	IF	mouse	24056873
IFT88	13967-1-AP	Genetically encoded calcium indicator illuminates calcium dynamics in primary cilia.	Nat Methods	23.57	IF	mouse	24056873
NPHP3	22026-1-AP	Genetically encoded calcium indicator illuminates calcium dynamics in primary cilia.	Nat Methods	23.57	IF	mouse	24056873
IFT20	13615-1-AP	Functional interaction between autophagy and ciliogenesis.	Nature	38.6	WB	mouse	24089209
IFT88	13967-1-AP	Functional interaction between autophagy and ciliogenesis.	Nature	38.6	WB	mouse	24089209
CIRBP	10209-2-AP	Cold-inducible RNA-binding protein (CIRBP) triggers inflammatory responses in hemorrhagic shock and sepsis.	Nat Med	22.86	WB	rat	24097189
ARL13B	17711-1-AP	Asymmetric Inheritance of Centrosome-Associated Primary Cilium Membrane Directs Ciliogenesis after Cell Division.	Cell	31.96	IF	mouse, human	24120134
ARF4	11673-1-AP	A CREB3-ARF4 signalling pathway mediates the response to Golgi stress and susceptibility to pathogens.	Nat Cell Biol	20.76	WB	human	24185178
RAB1B	17824-1-AP	A CREB3-ARF4 signalling pathway mediates the response to Golgi stress and susceptibility to pathogens.	Nat Cell Biol	20.76	WB	human	24185178
CBP80	10349-1-AP	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock.	Cell	31.96	WB	human	24209618
METTL3	15073-1-AP	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock.	Cell	31.96	WB	human	24209618
RNMT	13743-1-AP	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock.	Cell	31.96	WB	human	24209618
SIX2	11562-1-AP	Directed differentiation of human pluripotent cells to ureteric bud kidney progenitor-like cells.	Nat Cell Biol	20.76	IF	human	24240476
CENPJ	11517-1-AP	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	Nat Cell Biol	20.76	WB,IF	mouse	24240477
Centrin 1	12794-1-AP	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	Nat Cell Biol	20.76	WB,IF	human, mouse	24240477
CP110	12780-1-AP	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	Nat Cell Biol	20.76	WB	mouse	24240477

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
GAPDH	10494-1-AP	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	Nat Cell Biol	20.76	WB	human, mouse	24240477
IFT57	11083-1-AP	The Cep63 parologue Deup1 enables massive denovo centriole biogenesis for vertebrate multiciliogenesis.	Nat Cell Biol	20.76	WB	mouse	24240477
METTL3	15073-1-AP	N(6)-methyladenosine-dependent regulation of messenger RNA stability.	Nature	38.6	WB	human	24284625
THOC5	14862-1-AP	The THO Complex Regulates Pluripotency Gene mRNA Export and Controls Embryonic Stem Cell Self-Renewal and Somatic Cell Reprogramming.	Cell Stem Cell	25.32	—	mouse	24315442
CUX1	11733-1-AP	Inactivating CUX1 mutations promote tumorigenesis.	Nat Genet	35.21	WB	human	24316979
PIK3IP1	16826-1-AP	Inactivating CUX1 mutations promote tumorigenesis.	Nat Genet	35.21	WB	human	24316979
β5 integrin	customized	Circulating angiopoietin-like 4 links proteinuria with hypertriglyceridemia in nephrotic syndrome.	Nat Med	22.86	—		24317117
PAX8	10336-1-AP	Transformation of the fallopian tube secretory epithelium leads to high-grade serous ovarian cancer in Brca1;Tp53;Pten models.	Cancer Cell	24.76	WB,IHC	human	24332043
SIX2	11562-1-AP	Redefining the in vivo origin of metanephric nephron progenitors enables generation of complex kidney structures from pluripotent stem cells.	Cell Stem Cell	25.32	IF	mouse	24332837
SIX2	11562-1-AP	Directing human embryonic stem cell differentiation towards a renal lineage generates a self-organizing kidney.	Nat Cell Biol	20.76	IF	human	24335651
SLC3A1	16343-1-AP	Directing human embryonic stem cell differentiation towards a renal lineage generates a self-organizing kidney.	Nat Cell Biol	20.76	IF	human	24335651
TDP-43	10782-2-AP	Therapeutic modulation of eIF2 α phosphorylation rescues TDP-43 toxicity in amyotrophic lateral sclerosis disease models.	Nat Genet	35.21	IHC	Drosophila	24336168
DNA-PKcs	19983-1-AP	IFI16 DNA sensor is required for death of lymphoid CD4 T cells abortively infected with HIV.	Science	31.03	WB	human	24356113
CUL4B	12916-1-AP	CRL4 complex regulates mammalian oocyte survival and reprogramming by activation of TET proteins.	Science	37.21	IHC,IF	human	24357321
VPRBP	11612-1-AP	CRL4 complex regulates mammalian oocyte survival and reprogramming by activation of TET proteins.	Science	37.21	WB,IHC,IF	human	24357321
CYP11A1	13363-1-AP	Pregnenolone can protect the brain from cannabis intoxication.	Science	31.03	WB	rat	24385629
IFT88	13967-1-AP	Apical abscission alters cell polarity and dismantles the primary cilium during neurogenesis.	Science	37.21	IF	chicken	24408437
TDP-43	10782-2-AP	Potentiated hsp104 variants antagonize diverse proteotoxic misfolding events.	Cell	31.96	WB	human	24439375
WFS1	11558-1-AP	Island cells control temporal association memory.	Science	33.61	IF	mouse	24457215
BRD8	10476-1-AP	ANP32E is a histone chaperone that removes H2A.Z from chromatin.	Nature	38.6	WB	human	24463511
KAT5	10827-1-AP	ANP32E is a histone chaperone that removes H2A.Z from chromatin.	Nature	38.6	WB	human	24463511
ZNHIT1	16595-1-AP	ANP32E is a histone chaperone that removes H2A.Z from chromatin.	Nature	38.6	WB	human	24463511
ZIP8	20459-1-AP	Regulation of the Catabolic Cascade in Osteoarthritis by the Zinc-ZIP8-MTF1 Axis.	Cell	31.96	IHC	human	24529376
WFS1	11558-1-AP	The hippocampal CA2 region is essential for social memory.	Nature	38.6	IF	mouse	24572357

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
DGCR8 C-terminal	10996-1-AP	Hippo signaling regulates microprocessor and links cell-density-dependent miRNA biogenesis to cancer.	Cell	31.96	WB	human	24581491
NCL	10556-1-AP	C9orf72 nucleotide repeat structures initiate molecular cascades of disease.	Nature	38.6	WB	human	24598541
ANKRD1	11427-1-AP	Metabolic control of YAP and TAZ by the mevalonate pathway.	Nat Cell Biol	20.76	WB	human	24658687
SEC22B	14776-1-AP	The SNARE Sec22b has a non-fusogenic function in plasma membrane expansion.	Nat Cell Biol	20.76	WB,IF	mouse	24705552
REDD1	10638-1-AP	REDD1 is essential for stress-induced synaptic loss and depressive behavior.	Nat Med	22.86	WB	rat	24728411
GBP2	11854-1-AP	Caspase-11 activation requires lysis of pathogen-containing vacuoles by IFN-induced GTPases.	Nature	38.6	WB,IHC,IF	mouse	24739961
GBP5	13220-1-AP	Caspase-11 activation requires lysis of pathogen-containing vacuoles by IFN-induced GTPases.	Nature	38.6	WB,IF	mouse	24739961
GTF2H2	16005-1-AP	CLP1 Founder Mutation Links tRNA Splicing and Maturation to Cerebellar Development and Neurodegeneration.	Cell	31.96	WB	human	24766810
TSEN2	13103-2-AP	CLP1 Founder Mutation Links tRNA Splicing and Maturation to Cerebellar Development and Neurodegeneration.	Cell	31.96	WB	human	24766810
USP15	14354-1-AP	USP15 stabilizes MDM2 to mediate cancer-cell survival and inhibit antitumor T cell responses.	Nat Immunol	26.2	WB	mouse	24777531
USP15	customized	USP15 stabilizes MDM2 to mediate cancer-cell survival and inhibit antitumor T cell responses.	Nat Immunol	26.2	WB	mouse	24777531
NAT10	13365-1-AP	Chemical inhibition of NAT10 corrects defects of laminopathetic cells.	Science	31.03	WB, IF	human	24786082
INO80	18810-1-AP	INO80 Facilitates Pluripotency Gene Activation in Embryonic Stem Cell Self-Renewal, Reprogramming, and Blastocyst Development.	Cell Stem Cell	25.32	WB,IF,ChIP	mouse	24792115
EPCAM	21050-1-AP	Loss of Lkb1 and Pten leads to lung squamous cell carcinoma with elevated PD-L1 expression.	Cancer Cell	24.76	IHC	mouse	24794706
IDH1	12332-1-AP	Quantitative flux analysis reveals folate-dependent NADPH production.	Nature	38.6	WB	human	24805240
ODF2	12058-1-AP	Structurally distinct cat(2+) signaling domains of sperm flagella orchestrate tyrosine phosphorylation and motility.	Cell	31.96	IF	mouse	24813608
NUSAP1	12024-1-AP	Enhanced protein degradation by branched ubiquitin chains.	Cell	31.96	WB	human	24813613
GSK3B	22104-1-AP	CFIm25 links alternative polyadenylation to glioblastoma tumour suppression.	Nature	38.6	WB	human	24814343
KGA/GAC	12855-1-AP	CFIm25 links alternative polyadenylation to glioblastoma tumour suppression.	Nature	38.6	WB	human	24814343
NUDT21	10322-1-AP	CFIm25 links alternative polyadenylation to glioblastoma tumour suppression.	Nature	38.6	WB	human	24814343
VMA21	21921-1-AP	CFIm25 links alternative polyadenylation to glioblastoma tumour suppression.	Nature	38.6	WB	human	24814343
TOM70	14528-1-AP	The mitochondrial deubiquitinase USP30 opposes parkin-mediated mitophagy.	Nature	38.6	WB	human	24896179
DSS1	13639-1-AP	BRCA2 prevents R-loop accumulation and associates with TREX-2 mRNA export factor PCID2.	Nature	38.6	WB	human	24896180
RNASEH1	15606-1-AP	BRCA2 prevents R-loop accumulation and associates with TREX-2 mRNA export factor PCID2.	Nature	38.6	WB	human	24896180
Cyclin D2	10934-1-AP	SOX2 controls tumour initiation and cancer stem-cell functions in squamous-cell carcinoma.	Nature	38.6	IF	mouse	24909994
Myosin Light Chain 2	10906-1-AP	Chemically defined generation of human cardiomyocytes.	Nat Methods	23.57	IF/FC	human	24930130

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
IFT81	11744-1-AP	The kinesin-4 protein Kif7 regulates mammalian Hedgehog signalling by organizing the cilium tip compartment.	Nat Cell Biol	20.76	IF	mouse	24952464
IFT88	13967-1-AP	The kinesin-4 protein Kif7 regulates mammalian Hedgehog signalling by organizing the cilium tip compartment.	Nat Cell Biol	20.76	IF	mouse	24952464
Cytokeratin 19-specific	16858-1-AP	Yap1 activation enables bypass of oncogenic Kras addiction in pancreatic cancer.	Cell	31.96	IHC	mouse	24954535
TUBGCP3	15719-1-AP	The dynamics of microtubule minus ends in the human mitotic spindle.	Nat Cell Biol	20.76	WB	human	24976384
SKIV2L	11462-1-AP	The SKIV2L RNA exosome limits activation of the RIG-I-like receptors.	Nat Immunol	26.2	WB	mouse	25064072
ELL2	12727-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
ERp57	15967-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
ERp72	14712-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
HDAC4	17449-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
HSP60	15282-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
ND1	19703-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
TACO1/CCDC44	21147-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
TFAM	19998-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
Tim23	11123-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
TOM20	11802-1-AP	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation.	Cell	31.96	WB	mouse	25083871
GR repeat	23978-1-AP	C9orf72 repeat expansions cause neurodegeneration in Drosophila through arginine-rich proteins.	Science	31.03	WB	Drosophila	25103406
IGFBP3	14642-1-AP	Lin28b is sufficient to drive liver cancer and necessary for its maintenance in murine models.	Cancer Cell	24.76	WB	mouse	25117712
HBP1	11746-1-AP	MYC through miR-17-92 suppresses specific target genes to maintain survival, autonomous proliferation, and a neoplastic state.	Cancer Cell	23.52	WB	human	25117713
Piezo1	15939-1-AP	Piezo1 integration of vascular architecture with physiological force.	Nature	38.6	WB	human	25119035
ARL13B	17711-1-AP	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport.	Nat Cell Biol	20.76	WB, IF	Zebrafish, human	25173977
RBM4	11614-1-AP	The splicing factor RBM4 controls apoptosis, proliferation, and migration to suppress tumor progression.	Cancer Cell	24.76	WB, IHC	human	25203323
B4GALT6	20148-1-AP	Regulation of astrocyte activation by glycopolysins drives chronic CNS inflammation.	Nat Med	22.86	IF	mouse	25216636
CCBL1	12156-1-AP	Skeletal muscle PGC-1 $\alpha$ modulates kynurene metabolism and mediates resilience to stress-induced depression.	Cell	31.96	WB	mouse	25259918

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
PSMC3IP	11339-1-AP	Interchromosomal Homology Searches Drive Directional ALT telomere Movement and Synapsis.	Cell	31.96	WB	human	25259924
Sestrin 2	10795-1-AP	Sestrins Function as Guanine Nucleotide Dissociation Inhibitors for Rag GTPases to Control mTORC1 Signaling.	Cell	31.96	WB	mouse	25259925
IFITM3	11714-1-AP	T cell memory. Skin-resident memory CD8+ T cells trigger a state of tissue-wide pathogen alert.	Science	37.21	IHC	mouse	25278612
FIS1	10956-1-AP	RNA viruses promote activation of the NLRP3 inflammasome through a RIP1-RIP3-DRP1 signaling pathway.	Nat Immunol	26.2	WB	human	25326752
IL1 beta	60136-1-lg	RNA viruses promote activation of the NLRP3 inflammasome through a RIP1-RIP3-DRP1 signaling pathway.	Nat Immunol	26.2	WB	human	25326752
Ferritin light chain	10727-1-AP	Selective VPS34 inhibitor blocks autophagy and uncovers a role for NCOA4 in ferritin degradation and iron homeostasis <i>In vivo</i> .	Nat Cell Biol	20.76	WB	human	25327288
IFT140	17460-1-AP	Mutations in PLK4, encoding a master regulator of centriole biogenesis, cause microcephaly, growth failure and retinopathy.	Nat Genet	35.21	IF	human	25344692
IFT88	13967-1-AP	Mutations in PLK4, encoding a master regulator of centriole biogenesis, cause microcephaly, growth failure and retinopathy.	Nat Genet	35.21	IF	human	25344692
IL-24	12064-1-AP	Glycemic control in diabetes is restored by therapeutic manipulation of cytokines that regulate beta cell stress.	Nat Med	22.86	—	—	25362253
RAB27B	13412-1-AP	Exosome transfer from stromal to breast cancer cells regulates therapy resistance pathways.	Cell	31.96	WB, IHC	human	25417103
TSG101	14497-1-AP	Exosome transfer from stromal to breast cancer cells regulates therapy resistance pathways.	Cell	31.96	WB	human	25417103
BAP31	11200-1-AP	Directed evolution of APEX2 for electron microscopy and proximity labeling.	Nat Methods	23.57	WB	human	25419960
TOM70	14528-1-AP	Directed evolution of APEX2 for electron microscopy and proximity labeling.	Nat Methods	23.57	WB	human	25419960
RAB1A	11671-1-AP	Rab1A Is an mTORC1 Activator and a Colorectal Oncogene.	Cancer Cell	24.76	WB, IP	human	25446900
RAB1B	17824-1-AP	Rab1A Is an mTORC1 Activator and a Colorectal Oncogene.	Cancer Cell	24.76	WB	human	25446900
AFMID	19522-1-AP	Inhibition of De Novo NAD(+) Synthesis by Oncogenic URI Causes Liver Tumorigenesis through DNA Damage.	Cancer Cell	24.76	WB	human, mouse	25453901
CPS1	18703-1-AP	Inhibition of De Novo NAD(+) Synthesis by Oncogenic URI Causes Liver Tumorigenesis through DNA Damage.	Cancer Cell	24.76	WB	human	25453901
GCDH	14930-1-AP	Inhibition of De Novo NAD(+) Synthesis by Oncogenic URI Causes Liver Tumorigenesis through DNA Damage.	Cancer Cell	24.76	WB	human	25453901
NAMPT	11776-1-AP	Inhibition of De Novo NAD(+) Synthesis by Oncogenic URI Causes Liver Tumorigenesis through DNA Damage.	Cancer Cell	24.76	WB	human	25453901
TDO2	15880-1-AP	Inhibition of De Novo NAD(+) Synthesis by Oncogenic URI Causes Liver Tumorigenesis through DNA Damage.	Cancer Cell	24.76	WB	human, mouse	25453901
METTL3	15073-1-AP	m(6)A RNA modification controls cell fate transition in mammalian embryonic stem cells.	Cell Stem Cell	25.32	WB	human	25456834
MYL2	10906-1-AP	Cardiac repair in a porcine model of acute myocardial infarction with human induced pluripotent stem cell-derived cardiovascular cells.	Cell Stem Cell	25.32	IF	human	25479750

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
RCN2	10193-2-AP	Chemical corrector treatment ameliorates increased seizure susceptibility in a mouse model of familial epilepsy.	Nat Med	22.86	WB	mouse	25485908
ARHGEF1	11363-1-AP	Genome-scale transcriptional activation by an engineered CRISPR-Cas9 complex.	Nature	38.6	WB	human	25494202
CP110	12780-1-AP	Degradation of Cep68 and PCNT cleavage mediate Cep215 removal from the PCM to allow centriole separation, disengagement and licensing.	Nat Cell Biol	20.76	IF	human	25503564
DYNC1H1	12345-1-AP	Endophilin-A2 functions in membrane scission in clathrin-independent endocytosis.	Nature	38.6	WB	human	25517096
SQRDL	17256-1-AP	Endogenous Hydrogen Sulfide Production Is Essential for Dietary Restriction Benefits.	Cell	31.96	WB	mouse	25542313
ACSM3	10168-2-AP	Organoid Models of Human and Mouse Ductal Pancreatic Cancer.	Cell	31.96	IHC	mouse, human	25557080
METTL3	15073-1-AP	Stem cells: m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation.	Science	37.21	WB, IF	mouse	25569111
WTAP	60188-1-Ig	Stem cells: m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation.	Science	37.21	WB	mouse	25569111
FAM84B	18421-1-AP	Genome-wide profiling of HPV integration in cervical cancer identifies clustered genomic hot spots and a potential microhomology-mediated integration mechanism.	Nat Genet	35.21	IHC	human	25581428
P16	10883-1-AP	mTORC1 Activation Blocks Braf(V600E)-Induced Growth Arrest but Is Insufficient for Melanoma Formation.	Cancer Cell	24.76	WB	mouse	25584893
DRD1	17934-1-AP	Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome.	Cell	31.96	WB	human	25594175
DRD2	55084-1-AP	Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome.	Cell	31.96	WB	human	25594175
DRD5	20310-1-AP	Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome.	Cell	31.96	WB	human	25594175
STUB1	55430-1-AP	Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome.	Cell	31.96	WB	human	25594175
LAPTM4B	18895-1-AP	A kinase-independent role for EGF receptor in autophagy initiation.	Cell	31.96	WB, IF	human	25594178
SEC5/EXOC2	12751-1-AP	A kinase-independent role for EGF receptor in autophagy initiation.	Cell	31.96	WB	human	25594178
BBS13	16206-1-AP	Lineage specificity of primary cilia in the mouse embryo.	Nat Cell Biol	20.76	IF	mouse	25599390
CP110	12780-1-AP	Lineage specificity of primary cilia in the mouse embryo.	Nat Cell Biol	20.76	IF	mouse	25599390
IFT88	13967-1-AP	Lineage specificity of primary cilia in the mouse embryo.	Nat Cell Biol	20.76	IF	mouse	25599390
NPHP4	13812-1-AP	Lineage specificity of primary cilia in the mouse embryo.	Nat Cell Biol	20.76	IF	mouse	25599390
CIRBP	10209-2-AP	RBM3 mediates structural plasticity and protective effects of cooling in neurodegeneration.	Nature	38.6	WB	mouse	25607368
RBM3	14363-1-AP	RBM3 mediates structural plasticity and protective effects of cooling in neurodegeneration.	Nature	38.6	WB	mouse	25607368
Citrate synthase	16131-1-AP	Breast cancer-secreted miR-122 reprograms glucose metabolism in premetastatic niche to promote metastasis.	Nat Cell Biol	20.76	WB	human	25621950

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
MLXIP	13614-1-AP	Deregulated Myc requires MondoA/Mlx for metabolic reprogramming and tumorigenesis.	Cancer Cell	24.76	WB	human	25640402
NLRX1	17215-1-AP	Mitochondrial DNA stress primes the antiviral innate immune response.	Nature	38.6	WB	mouse	25642965
METTL3	15073-1-AP	m(6)A RNA methylation is regulated by microRNAs and promotes reprogramming to pluripotency.	Cell Stem Cell	25.32	WB	human	25683224
OXCT1	12175-1-AP	The ketone metabolite β-hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease.	Nat Med	22.86	WB	mouse	25686106
GMNN	10802-1-AP	Whole genomes redefine the mutational landscape of pancreatic cancer.	Nature	38.6	IF	mouse	25719666
Calnexin	10427-2-AP	Ppm1b negatively regulates necroptosis through dephosphorylating Rip3.	Nat Cell Biol	20.76	WB	mouse	25751141
GAPDH	60004-1-lg	Ppm1b negatively regulates necroptosis through dephosphorylating Rip3.	Nat Cell Biol	20.76	WB	mouse	25751141
GBP2	11854-1-AP	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection.	Nat Immunol	26.2	WB	mouse	25774715
GBP5	13220-1-AP	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection.	Nat Immunol	26.2	WB, IF	mouse	25774715
STAU1	14225-1-AP	hiCLIP reveals the <i>in vivo</i> atlas of mRNA secondary structures recognized by Staufen 1.	Nature	38.6	WB	human	25799984
SMARCA4	21634-1-AP	The long noncoding RNA lncTCF7 promotes self-renewal of human liver cancer stem cells through activation of Wnt signaling.	Cell Stem Cell	25.32	WB	human	25842979
SOX2	11064-1-AP	The long noncoding RNA lncTCF7 promotes self-renewal of human liver cancer stem cells through activation of Wnt signaling.	Cell Stem Cell	25.32	WB, IF	human	25842979
GADD34	10449-1-AP	Preventing proteostasis diseases by selective inhibition of a phosphatase regulatory subunit.	Science	37.21	WB	human	25859045
NPC1	13926-1-AP	Cholesterol Transport through Lysosome-Peroxisome Membrane Contacts.	Cell	31.96	WB	human	25860611
PHB	10787-1-AP	Cholesterol Transport through Lysosome-Peroxisome Membrane Contacts.	Cell	31.96	WB	human	25860611
GADD45GIP1	16260-1-AP	T cell metabolism. The protein LEM promotes CD8 T cell immunity through effects on mitochondrial respiration.	Science	37.21	WB, IF	mouse	25883318
IFITM1	11727-3-AP	Intrinsic retroviral reactivation in human preimplantation embryos and pluripotent cells.	Nature	38.6	FC	human	25896322
GAPDH	60004-1-lg	Mitosis. Microtubule dyneinization guides chromosomes during mitosis.	Science	31.03	WB	human	25908662
TTL	13618-1-AP	Mitosis. Microtubule dyneinization guides chromosomes during mitosis.	Science	31.03	WB	human	25908662
CENPJ	11517-1-AP	Cell biology. Reversible centriole depletion with an inhibitor of Polo-like kinase 4.	Science	31.03	IF	human	25931445
IFT88	13967-1-AP	Cell biology. Reversible centriole depletion with an inhibitor of Polo-like kinase 4.	Science	31.03	IF	human	25931445
COQ7	15083-1-AP	A nuclear role for the respiratory enzyme CLK-1 in regulating mitochondrial stress responses and longevity.	Nat Cell Biol	20.76	WB, IF	human	25961505
TARDBP	10782-2-AP	C9ORF72 repeat expansions in mice cause TDP-43 pathology, neuronal loss, and behavioral deficits.	Science	31.03	IF		25977373

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
CRBN	11435-1-AP	DRUG DEVELOPMENT. Phthalimide conjugation as a strategy for in vivo target protein degradation.	Science	37.21	WB	mouse	25999370
RPL7A	15340-1-AP	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms.	Cell	31.96	WB, IF	mouse	26000482
RPS4X	14799-1-AP	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms.	Cell	31.96	WB	mouse	26000482
MPHOSPH8	16796-1-AP	GENE SILENCING. Epigenetic silencing by the HUSH complex mediates position-effect variegation in human cells.	Science	37.21	WB,IF	human	26022416
SETDB1	11231-1-AP	GENE SILENCING. Epigenetic silencing by the HUSH complex mediates position-effect variegation in human cells.	Science	37.21	WB	human	26022416
CHMP2A	10477-1-AP	Spastin and ESCRT-III coordinate mitotic spindle disassembly and nuclear envelope sealing.	Nature	38.6	WB,IF	human	26040712
OLC1	51002-1-AP	Spastin and ESCRT-III coordinate mitotic spindle disassembly and nuclear envelope sealing.	Nature	38.6	WB, IF	human	26040712
CHMP2A	10477-1-AP	ESCRT-III controls nuclear envelope reformation.	Nature	38.6	WB, IF	human	26040713
UFD1L	10615-1-AP	ESCRT-III controls nuclear envelope reformation.	Nature	38.6	WB	human	26040713
CKAP4	16686-1-AP	Regulation of endoplasmic reticulum turnover by selective autophagy.	Nature	38.6	WB	mouse	26040720
TOP2A-Specific	20233-1-AP	Chromosomes. A comprehensive Xist interactome reveals cohesin repulsion and an RNA-directed chromosome conformation.	Science	31.03	IF	mouse	26089354
TOP2B	20549-1-AP	Chromosomes. A comprehensive Xist interactome reveals cohesin repulsion and an RNA-directed chromosome conformation.	Science	31.03	IF	mouse	26089354
GCLC	12601-1-AP	Differential Requirements for eIF4E Dose in Normal Development and Cancer.	Cell	28.71	WB	human	26095252
BCOR	12107-1-AP	Consistent in-frame internal tandem duplications of BCOR characterize clear cell sarcoma of the kidney.	Nat Genet	35.21	WB, IHC		26098867
SECISBP2	12798-1-AP	SELENOPROTEINS. CRL2 aids elimination of truncated selenoproteins produced by failed UGA/Sec decoding.	Science	31.03	WB	human	26138980
SEC24A	15958-1-AP	The CREB coactivator CRTC2 controls hepatic lipid metabolism by regulating SREBP1.	Nature	38.6	WB	mouse	26147081
SREBF2	14508-1-AP	The CREB coactivator CRTC2 controls hepatic lipid metabolism by regulating SREBP1.	Nature	38.6	WB	mouse	26147081
ARL13B	17711-1-AP	An siRNA-based functional genomics screen for the identification of regulators of ciliogenesis and ciliopathies.	Nat Cell Biol	20.76	IF	mouse	26167768
RELB	25027-1-AP	Exome sequencing identifies somatic mutations of DDX3X in natural killer/T-cell lymphoma.	Nat Genet	35.21	WB, IHC	human	26192917
MDH1	15904-1-AP	An Essential Role of the Mitochondrial Electron Transport Chain in Cell Proliferation Is to Enable Aspartate Synthesis.	Cell	32.24	WB	human	26232224
TARDBP	10782-2-AP	NEURODEGENERATION. TDP-43 repression of nonconserved cryptic exons is compromised in ALS-FTD.	Science	31.03	WB	human, mouse	26250685
OPTN	10837-1-AP	The ubiquitin kinase PINK1 recruits autophagy receptors to induce mitophagy.	Nature	38.6	WB	human	26266977

\* 该手册中各期刊取最新影响因子

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
GR repeat	23978-1-AP	The C9orf72 repeat expansion disrupts nucleocytoplasmic transport.	Nature	41.46	WB		26308891
MYH6	22281-1-AP	HEART DISEASE. Titin mutations in iPS cells define sarcomere insufficiency as a cause of dilated cardiomyopathy.	Science	37.21	WB	human	26315439
MYH7	22280-1-AP	HEART DISEASE. Titin mutations in iPS cells define sarcomere insufficiency as a cause of dilated cardiomyopathy.	Science	37.21	WB	human	26315439
TMEM175	19925-1-AP	TMEM175 Is an Organelle K(+) Channel Regulating Lysosomal Function.	Cell	32.24	WB	human	26317472
BUD31	11798-1-AP	The spliceosome is a therapeutic vulnerability in MYC-driven cancer.	Nature	41.46	WB	human	26331541
RAB35	11329-2-AP	Identification of an oncogenic RAB protein.	Science	33.61	WB	human	26338797
PEX5	12545-1-AP	ATM functions at the peroxisome to induce pexophagy in response to ROS.	Nat Cell Biol	20.09	WB, IF	human	26344566
RB1CC1	10043-2-AP	ATM functions at the peroxisome to induce pexophagy in response to ROS.	Nat Cell Biol	20.09	IF	human	26344566
GAPDH	60004-1-Ig	Phase transition of spindle-associated protein regulate spindle apparatus assembly.	Cell	28.71	WB	human	26388440
GLS	20170-1-AP	Metabolic reprogramming induces resistance to anti-NOTCH1 therapies in T cell acute lymphoblastic leukemia.	Nat Med	27.36	WB	mouse	26390244
NOLC1	11815-1-AP	Cell-fate determination by ubiquitin-dependent regulation of translation.	Nature	41.46	WB	human	26399832
TCOF1	11003-1-AP	Cell-fate determination by ubiquitin-dependent regulation of translation.	Nature	41.46	WB	human	26399832
ARHGDI1	16122-1-AP	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity.	Nat Immunol	20	WB	human	26414765
HSPD1	66041-1-Ig	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity.	Nat Immunol	20	WB, IF	human	26414765
MTERF	16957-1-AP	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity.	Nat Immunol	20	WB	human	26414765
TFAM	19998-1-AP	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity.	Nat Immunol	20	WB	human	26414765
TRAF6	12809-1-AP	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity.	Nat Immunol	20	WB, IF	human	26414765
AZIN1	11548-1-AP	The Genomic Landscape and Clinical Relevance of A-to-I RNA Editing in Human Cancers.	Cancer Cell	23.21	WB	human	26439496
COG3	11130-1-AP	The Genomic Landscape and Clinical Relevance of A-to-I RNA Editing in Human Cancers.	Cancer Cell	23.21	WB	human	26439496
SIX2	11562-1-AP	Kidney organoids from human iPS cells contain multiple lineages and model human nephrogenesis.	Nature	41.46	IF	human	26444236
NBR1	16004-1-AP	Lack of Neuronal IFN- $\beta$ -IFNAR Causes Lewy Body- and Parkinson's Disease-like Dementia.	Cell	32.24	WB	human	26451483
YTHDF2	24744-1-AP	Dynamic m(6)A mRNA methylation directs translational control of heat shock response.	Nature	41.46	WB, IF	human, mouse	26458103
MTHFD1	10794-1-AP	Oxidative stress inhibits distant metastasis by human melanoma cells.	Nature	41.46	WB	human	26466563
MTHFD2	12270-1-AP	Oxidative stress inhibits distant metastasis by human melanoma cells.	Nature	41.46	WB	human	26466563
RAB27B	13412-1-AP	Microenvironment-induced PTEN loss by exosomal microRNA primes brain metastasis outgrowth.	Nature	41.46	IHC	mouse	26479035

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TSG101	14497-1-AP	Microenvironment-induced PTEN loss by exosomal microRNA primes brain metastasis outgrowth.	Nature	41.46	WB, IHC	human, mouse	26479035
GAPDH	10494-1-AP	Vitamin C selectively kills KRAS and BRAF mutant colorectal cancer cells by targeting GAPDH.	Science	33.61	WB	HUMAN	26541605
DNAJB11	15484-1-AP	Defining Hsp70 Subnetworks in Dengue Virus Replication Reveals Key Vulnerability in Flavivirus Infection.	Cell	32.24	WB	human	26582131
PAX8	10336-1-AP	Regeneration of Thyroid Function by Transplantation of Differentiated Pluripotent Stem Cells.	Cell Stem Cell	22.27	IF	mouse	26593959
ACTB	20536-1-AP	The tumor suppressor PTEN has a critical role in antiviral innate immunity.	Nat Immunol	20	WB	human	26692175
Beta Tubulin	10094-1-AP	The tumor suppressor PTEN has a critical role in antiviral innate immunity.	Nat Immunol	20	WB	human	26692175
GAPDH	10494-1-AP	The tumor suppressor PTEN has a critical role in antiviral innate immunity.	Nat Immunol	20	WB	human	26692175
IRF3	11312-1-AP	The tumor suppressor PTEN has a critical role in antiviral innate immunity.	Nat Immunol	20	WB,IF	human	26692175
Lamin B1	12987-1-AP	The tumor suppressor PTEN has a critical role in antiviral innate immunity.	Nat Immunol	20	WB	human	26692175
EXOC1	11690-1-AP	A phosphoinositide conversion mechanism for exit from endosomes.	Nature	41.46	WB	human	26760201
SNX17	10275-1-AP	A phosphoinositide conversion mechanism for exit from endosomes.	Nature	41.46	WB	human	26760201
IFT88	13967-1-AP	The Interaction of Myc with Miz1 Defines Medulloblastoma Subgroup Identity.	Cancer Cell	23.2	WB	human	26766587
EIF2A	11235-1-AP	Translation from the 5' untranslated region shapes the integrated stress response.	Science	33.61	WB		26823435
GRP78,BIP	11587-1-AP	Translation from the 5' untranslated region shapes the integrated stress response.	Science	33.61	WB		26823435
MYL2	10906-1-AP	Lineage Reprogramming of Fibroblasts into Proliferative Induced Cardiac Progenitor Cells by Defined Factors.	Cell Stem Cell	23.39	IHC,FC	human, mouse	26877223
PYCR1	13108-1-AP	Tumour-specific proline vulnerability uncovered by differential ribosome codon reading.	Nature	41.46	WB,IHC	human	26878238
GART	13659-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
MTHFD2	12270-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	WB	mouse	26912861
PPAT	15401-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
PRPS1	15549-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
PSAT1	20180-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
PSPH	14513-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
SHMT1	14149-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
TALDO1	12376-1-AP	mTORC1 induces purine synthesis through control of the mitochondrial tetrahydrofolate cycle.	Science	37.21	—	—	26912861
CALCOCO2	12229-1-AP	NF- $\kappa$ B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria.	Cell	28.71	WB	mouse	26919428

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
OPTN	10837-1-AP	NF- $\kappa$ B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria.	Cell	28.71	WB	mouse	26919428
TAX1BP1	14424-1-AP	NF- $\kappa$ B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria.	Cell	28.71	WB	mouse	26919428
PNLDC1	25559-1-AP	Identification and Functional Analysis of the Pre- $\pi$ RNA 3' Trimmer in Silkworms.	Cell	30.41	WB	silkworm	26919431
OTX2	13497-1-AP	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes.	Cancer Cell	23.52	chip	human	26923874
CPT1A	15184-1-AP	High-fat diet enhances stemness and tumorigenicity of intestinal progenitors.	Nature	41.46	WB	mouse	26935695
MYL2	10906-1-AP	Expandable Cardiovascular Progenitor Cells Reprogrammed from Fibroblasts.	Cell Stem Cell	22.39	IF	mouse	26942852
AMFR	16675-1-AP	BOK Is a Non-canonical BCL-2 Family Effector of Apoptosis Regulated by ER-Associated Degradation.	Cell	28.71	WB	mouse	26949185
ERLIN1	17311-1-AP	BOK Is a Non-canonical BCL-2 Family Effector of Apoptosis Regulated by ER-Associated Degradation.	Cell	28.71	WB	mouse	26949185
HIBADH	13466-1-AP	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance.	Nat Med	27.36	WB	human	26950361
SLC27A3	12943-1-AP	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance.	Nat Med	27.36	WB	human	26950361
ABHD2	14039-1-AP	Unconventional endocannabinoid signaling governs sperm activation via the sex hormone progesterone.	Science	37.21	WB,IF	human	26989199
C9orf72	22637-1-AP	C9orf72 is required for proper macrophage and microglial function in mice.	Science	37.21	WB	mouse	26989253
TDP-43	10782-2-AP	C9orf72 is required for proper macrophage and microglial function in mice.	Science	37.21	IHC	mouse	26989253
14-3-3 epsilon	11648-2-AP	A phosphomimetic-based mechanism of dengue virus to antagonize innate immunity.	Nat Immunol	20	WB,IF	human	26998762
IFIT2	12604-1-AP	A phosphomimetic-based mechanism of dengue virus to antagonize innate immunity.	Nat Immunol	20	WB	human	26998762
PROS1	16910-1-AP	The TAM family receptor tyrosine kinase TYRO3 is a negative regulator of type 2 immunity.	Science	37.21	FC	mouse	27034374
S100A4	16105-1-AP	Suppression of Enhancer Overactivation by a RACK1-Histone Demethylase Complex.	Cell	32.24	WB	human	27058665
MYL2	10906-1-AP	Conversion of human fibroblasts into functional cardiomyocytes by small molecules.	Science	37.21	IF	human	27127239
ARL13B	17711-1-AP	Identification and Correction of Mechanisms Underlying Inherited Blindness in Human iPSC-Derived Optic Cups.	Cell Stem Cell	22.39	IF	human	27151457
SETDB1	11231-1-AP	Activation of Endogenous Retroviruses in Dnmt1(-/-) ESCs Involves Disruption of SETDB1-Mediated Repression by NP95 Binding to Hemimethylated DNA.	Cell Stem Cell	22.39	WB,chip	mouse	27151458
IGF2BP3	14642-1-AP	SIRT6 Suppresses Pancreatic Cancer through Control of Lin28b.	Cell	32.24	WB	human	27180906
beta actin	66009-1-lg	Pancreatic cancer risk variant in LINC00673 creates a miR-1231 binding site and interferes with PTPN11 degradation.	Nat Genet	29.35	—	—	27213290

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
SRC	11097-1-AP	Pancreatic cancer risk variant in LINC00673 creates a miR-1231 binding site and interferes with PTPN11 degradation.	Nat Genet	29.35	WB	human	27213290
HMMR-Specific	15820-1-AP	Tracing haematopoietic stem cell formation at single-cell resolution.	Nature	41.46	FC	mouse	27225119
RAB5A	11947-1-AP	Identification of TMEM230 mutations in familial Parkinson's disease.	Nat Genet	31.62	IF	human	27270108
Synaptophysin	17785-1-AP	Identification of TMEM230 mutations in familial Parkinson's disease.	Nat Genet	31.62	WB,IF	mosue, rat	27270108
TMEM230	21466-1-AP	Identification of TMEM230 mutations in familial Parkinson's disease.	Nat Genet	31.62	WB	human	27270108
VMAT2	20873-1-AP	Identification of TMEM230 mutations in familial Parkinson's disease.	Nat Genet	31.62	IF	human	27270108
NDUFB10	15589-1-AP	LIN28 Regulates Stem Cell Metabolism and Conversion to Primed Pluripotency.	Cell Stem Cell	22.39	WB	mouse	27320042
GSPT1	10763-1-AP	A novel cerebon modulator recruits GSPT1 to the CRL4(CRBN) ubiquitin ligase.	Nature	38.14	WB	human	27338790
GAPDH	10494-1-AP	Zfp281 Coordinates Opposing Functions of Tet1 and Tet2 in Pluripotent States.	Cell Stem Cell	23.39	FC	mouse	27345836
SREBF2	14508-1-AP	TTC39b deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis.	Nature	38.14	WB	mouse	27383786
GSDMD	20770-1-AP	Inflammasome-activated gasdermin D causes pyroptosis by forming membrane pores.	Nature	38.14	WB	human	27383986
MAGT1	17430-1-AP	Genetic dissection of Flaviviridae host factors through genome-scale CRISPR screens.	Nature	38.14	WB	human	27383987
CREG1	12220-1-AP	A CRISPR screen defines a signal peptide processing pathway required by flaviviruses.	Nature	38.14	WB	human	27383988
NPC2	19888-1-AP	A CRISPR screen defines a signal peptide processing pathway required by flaviviruses.	Nature	38.14	WB	human	27383988
SEC11A	14753-1-AP	A CRISPR screen defines a signal peptide processing pathway required by flaviviruses.	Nature	38.14	WB	human	27383988
SPCS1	11847-1-AP	A CRISPR screen defines a signal peptide processing pathway required by flaviviruses.	Nature	38.14	WB	human	27383988
SPCS2	14872-1-AP	A CRISPR screen defines a signal peptide processing pathway required by flaviviruses.	Nature	38.14	WB	human	27383988
LRPPRC	21175-1-AP	Translation efficiency of mRNAs is increased by antisense oligonucleotides targeting upstream open reading frames.	Nat Biotechnol	43.11	IP	mouse	27398791
ubiquitin	10201-2-AP	Proteasome inhibition for treatment of leishmaniasis, Chagas disease and sleeping sickness.	Nature	38.14	WB	<i>T. cruzi</i>	27501246
SHARPIN	14626-1-AP	The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity.	Cell	28.71	WB	human	27523608
NDUFV1	11238-1-AP	Accessory subunits are integral for assembly and function of human mitochondrial complex I.	Nature	38.14	WB	human	27626371
GBP2	11854-1-AP	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes.	Cell	28.71	WB	human	27693356
GBP5	13220-1-AP	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes.	Cell	28.71	WB,IF	human	27693356
COX5B	11418-2-AP	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein.	Cell	28.71	WB	human	27693358
MRPS15	17006-1-AP	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein.	Cell	28.71	WB	human	27693358

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
MRP518B	16139-1-AP	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein.	Cell	28.71	WB	human	27693358
OXA1L	66128-1-Ig	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein.	Cell	28.71	WB	human	27693358
TIMM44	13859-1-AP	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein.	Cell	28.71	WB	human	27693358
NEDD4L	13690-1-AP	Mutations in the HECT domain of NEDD4L lead to AKT-mTOR pathway deregulation and cause periventricular nodular heterotopia.	Nat Genet	31.62	WB,IHC,IF	human	27694961
PDCD6	12303-1-AP	Regulation of the CUL3Ubiquitin Ligase by a Calcium-Dependent Co-adaptor.	Cell	28.71	WB,IF	human	27716508
CCT3	10571-1-AP	Kinetic Analysis of Protein Stability Reveals Age-Dependent Degradation.	Cell	28.71	WB	mouse	27720452
MCRS1	11362-1-AP	MOF Acetyl Transferase Regulates Transcription and Respiration in Mitochondria.	Cell	28.71	WB	human	27768893
SSBP1	12212-1-AP	MOF Acetyl Transferase Regulates Transcription and Respiration in Mitochondria.	Cell	28.71	WB	human	27768893
SFRS7	11044-1-AP	C9orf72 Dipeptide Repeats Impair the Assembly, Dynamics, and Function of Membrane-Less Organelles.	Cell	28.71	WB	human	27768896
TARDBP	10782-2-AP	C9orf72 Dipeptide Repeats Impair the Assembly, Dynamics, and Function of Membrane-Less Organelles.	Cell	28.71	IF	human	27768896
COX5B	11418-2-AP	Mechanism of super-assembly of respiratory complexes III and IV.	Nature	38.14	WB	mouse	27775717
UQCRC2	14742-1-AP	Mechanism of super-assembly of respiratory complexes III and IV.	Nature	38.14	WB	mouse	27775717
MFF	17090-1-AP	Correcting mitochondrial fusion by manipulating mitofusin conformations.	Nature	38.14	WB	mouse	27775718
MEF2C	18290-1-AP	Evolution of Osteocrin as an activity-regulated factor in the primate brain.	Nature	38.14	ChIP	human	27830782
INF2	20466-1-AP	FMN2 Makes Perinuclear Actin to Protect Nuclei during Confined Migration and Promote Metastasis.	Cell	28.71	IF	mouse	27839864
GLUD1	14299-1-AP	Mitochondrial Sirtuin Network Reveals Dynamic SIRT3-Dependent Decetylation in Response to Membrane Depolarization.	Cell	28.71	WB	human	27881304
HADHA	10758-1-AP	Mitochondrial Sirtuin Network Reveals Dynamic SIRT3-Dependent Decetylation in Response to Membrane Depolarization.	Cell	28.71	WB	human	27881304
UQCRC2	14742-1-AP	Mitochondrial Sirtuin Network Reveals Dynamic SIRT3-Dependent Decetylation in Response to Membrane Depolarization.	Cell	28.71	WB	human	27881304
Histone H4	16047-1-AP	Insights into Nucleosome Organization in Mouse Embryonic Stem Cells through Chemical Mapping.	Cell	30.41	WB	mouse	27889238
IDH1	12332-1-AP	PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs.	Cell Stem Cell	22.39	WB	human	27939217
UBN1-Specific	20363-1-AP	PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs.	Cell Stem Cell	22.39	WB	human	27939217
SAMHD1	12586-1-AP	SAMHD1 is a biomarker for cytarabine response and a therapeutic target in acute myeloid leukemia.	Nat Med	30.36	WB,IHC	human	27991919
THAP1	12584-1-AP	Mutations in the histone methyltransferase response gene KMT2B cause complex early-onset dystonia.	Nat Genet	31.62	WB	human	27992417
SNRPN	11070-1-AP	Targeting the histone methyltransferase G9a activates imprinted genes and improves survival of a mouse model of Prader-Willi syndrome.	Nat Med	30.36	WB	mouse	28024084

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PROX1	11067-2-AP	The role of fatty acid $\beta$ -oxidation in lymphangiogenesis.	Nature	40.14	ChIP	mouse	28024299
SAMHD1	12586-1-AP	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies.	Nat Med	30.36	WB,IHC	human	28067901
EIF2A	11233-1-AP	Translation from unconventional 5' start sites drives tumour initiation.	Nature	38.14	WB	mouse	28077873
ARL13B	17711-1-AP	Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.	Cell	30.41	WB,IF	mouse	28086093
IFT122	19304-1-AP	Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.	Cell	30.41	WB	mouse	28086093
IFT140	17460-1-AP	Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.	Cell	30.41	WB,IF	mouse	28086093
IFT81	11744-1-AP	Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.	Cell	30.41	IF	mouse	28086093
IFT88	13967-1-AP	Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.	Cell	30.41	WB	mouse	28086093
DACH1	10914-1-AP	Human iPSC-Derived Neural Progenitors Are an Effective Drug Discovery Model for Neurological mtDNA Disorders.	Cell Stem Cell	22.39	IF	human	28132834
LIN28	11724-1-AP	Human iPSC-Derived Neural Progenitors Are an Effective Drug Discovery Model for Neurological mtDNA Disorders.	Cell Stem Cell	22.39	IF	human	28132834
ARL13B	17711-1-AP	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids.	Cell Stem Cell	22.39	IF	human	28132835
MAP2	17490-1-AP	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids.	Cell Stem Cell	22.39	IF	human	28132835
REDD1	10638-1-AP	A UBE2O-AMPK $\alpha$ 2 Axis that Promotes Tumor Initiation and Progression Offers Opportunities for Therapy.	Cancer Cell	23.21	WB	mouse	28162974
FAM38A	15939-1-AP	Mechanical stretch triggers rapid epithelial cell division through Piezo1.	Nature	38.14	WB,IF	dog	28199303
KPTN	16094-1-AP	KICSTOR recruits GATOR1 to the lysosome and is necessary for nutrients to regulate mTORC1.	Nature	38.14	WB	human	28199306
Sestrin2	10795-1-AP	SZT2 dictates GATOR control of mTORC1 signalling.	Nature	38.14	WB	human	28199315
WDR24	20778-1-AP	SZT2 dictates GATOR control of mTORC1 signalling.	Nature	38.14	WB	human	28199315
LDHB	14824-1-AP	A large-scale targeted proteomics assay resource based on an <i>in vitro</i> human proteome.	Nat Methods	26.33	WB	human	28267743
PFKM	55028-1-AP	A large-scale targeted proteomics assay resource based on an <i>in vitro</i> human proteome.	Nat Methods	26.33	WB	human	28267743
DGCR8	10996-1-AP	Super-Enhancer-Mediated RNA Processing Revealed by Integrative MicroRNA Network Analysis.	Cell	28.71	ChIP	mouse	28283057
DOM3Z	11015-2-AP	5' End Nicotinamide Adenine Dinucleotide Cap in Human Cells Promotes RNA Decay through DXO-Mediated deNaddling.	Cell	28.71	WB	human	28283058
CNOT1	14276-1-AP	DND1 maintains germline stem cells via recruitment of the CCR4-NOT complex to target mRNAs.	Nature	38.14	WB	human	28297718
CNOT7	14102-1-AP	DND1 maintains germline stem cells via recruitment of the CCR4-NOT complex to target mRNAs.	Nature	38.14	WB	human	28297718

\* 该手册中各期刊取最新影响因子

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
CUL4B	12916-1-AP	Anticancer sulfonamides target splicing by inducing RBM39 degradation via recruitment to DCAF15.	Science	34.66	WB	human	28302793
DDA1	14995-1-AP	Anticancer sulfonamides target splicing by inducing RBM39 degradation via recruitment to DCAF15.	Science	34.66	WB	human	28302793
LAETB	18195-1-AP	LAETB is a tumour suppressor that modulates lipid metabolism and cell state.	Nature	38.14	WB,IHC,IF	human	28329758
SIX2	11562-1-AP	Tridimensional Visualization and Analysis of Early Human Development.	Cell	28.71	IF	human	28340341
DACH1	10914-1-AP	Breathing control center neurons that promote arousal in mice.	Science	34.66	IF	mouse	28360327
METTL3	15073-1-AP	Transcription Impacts the Efficiency of mRNA Translation via Co-transcriptional N6-adenosine Methylation.	Cell	28.71	WB	human	28388414
USP36	14783-1-AP	Thymosin $\alpha$ 1 represents a potential potent single-molecule-based therapy for cystic fibrosis.	Nat Med	30.36	WB	mouse	28394330
TDP-43	12892-1-AP	Therapeutic reduction of ataxin-2 extends lifespan and reduces pathology in TDP-43 mice.	Nature	38.14	WB,IF	mouse	28405022
PKLR	22456-1-AP	Pyruvate kinase M2 activation may protect against the progression of diabetic glomerular pathology and mitochondrial dysfunction.	Nat Med	30.36	WB	human	28436957
LETM1	16024-1-AP	The mitochondrial Na <sup>+</sup> /Ca <sup>2+</sup> exchanger is essential for Ca <sup>2+</sup> homeostasis and viability.	Nature	38.14	WB	mouse	28445457
PFKFB3	13763-1-AP	FGF-dependent metabolic control of vascular development.	Nature	38.14	WB	mouse	28467822
DDX21	10528-1-AP	SLERT Regulates DDX21 Rings Associated with Pol I Transcription.	Cell	28.71	WB,IF,chIP	human	28475895
SKP2	15010-1-AP	Hippo Signaling Suppresses Cell Ploidy and Tumorigenesis through Skp2.	Cancer Cell	23.21	WB,IHC,IF	human	28486106
tubulin-gamma	15176-1-AP	Hippo Signaling Suppresses Cell Ploidy and Tumorigenesis through Skp2.	Cancer Cell	23.21	IF	human	28486106
RASGRP3	13162-1-AP	RASGRP3 Mediates MAPK Pathway Activation in GNAQ Mutant Uveal Melanoma.	Cancer Cell	23.21	WB	human	28486107
OTUD7B	66276-1-Ig	TRA2B and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling.	Nature	38.14	WB	human	28489822
C13orf18	21183-1-AP	Architecture of the human interactome defines protein communities and disease networks.	Nature	38.14	WB	human	28514442
CCDC53	24445-1-AP	Architecture of the human interactome defines protein communities and disease networks.	Nature	38.14	WB	human	28514442
ARL13B	17711-1-AP	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease.	Nat Genet	31.62	IF	mouse	28530676
DZIP1	13779-1-AP	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease.	Nat Genet	31.62	IF	mouse	28530676
IFT88	13967-1-AP	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease.	Nat Genet	31.62	IF	mouse	28530676
TCTN1	15004-1-AP	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease.	Nat Genet	31.62	IF	mouse	28530676

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
RNF8	14112-1-AP	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis.	Cell	28.71	IF, WB	mouse	28552346
TNP1	17178-1-AP	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis.	Cell	28.71	WB	mouse	28552346
PAX8	10336-1-AP	Combined mutation in Vh, Trp53 and Rb1 causes clear cell renal cell carcinoma in mice.	Nat Med	30.36	IHC	human	28553932
ACLY	15421-1-AP	Acetyl-CoA synthetase regulates histone acetylation and hippocampal memory.	Nature	38.14	WB, IF	mouse	28562591
ARL13B	17711-1-AP	Guided self-organization and cortical plate formation in human brain organoids.	Nat Biotechnol	43.11	IF	human	28562594
Musashi-2	10770-1-AP	Neurodevelopmental protein Musashi-1 interacts with the Zika genome and promotes viral replication.	Science	37.21	WB, IF	human	28572454
NECAB2	12257-1-AP	miR-183 cluster scales mechanical pain sensitivity by regulating basal and neuropathic pain genes.	Science	37.21	IF	mouse	28572455
CNOT1	14276-1-AP	The Mammalian Ribo-interactome Reveals Ribosome Functional Diversity and Heterogeneity.	Cell	30.41	WB	mouse	28575669
MVP	16478-1-AP	The Mammalian Ribo-interactome Reveals Ribosome Functional Diversity and Heterogeneity.	Cell	30.41	WB	mouse	28575669
NSUN2	20854-1-AP	The Mammalian Ribo-interactome Reveals Ribosome Functional Diversity and Heterogeneity.	Cell	30.41	WB	mouse	28575669
YTHDF1	17479-1-AP	The Mammalian Ribo-interactome Reveals Ribosome Functional Diversity and Heterogeneity.	Cell	30.41	WB	mouse	28575669
MPHOSPH8	16796-1-AP	Hyperactivation of HUSH complex function by Charcot-Marie-Tooth disease mutation in MORC2.	Nat Genet	27.96	WB	human	28581500
SETDB1	11231-1-AP	Hyperactivation of HUSH complex function by Charcot-Marie-Tooth disease mutation in MORC2.	Nat Genet	27.96	WB	human	28581500
ARF1	20226-1-AP	Essential role for GABA <sub>A</sub> R autophagy proteins in interferon-inducible GTPase-mediated host defense.	Nat Immunol	21.51	WB	mouse	28604719
Calnexin	10427-2-AP	Essential role for GABA <sub>A</sub> R autophagy proteins in interferon-inducible GTPase-mediated host defense.	Nat Immunol	21.51	WB	mouse	28604719
GABARPL2-Specific	18724-1-AP	Essential role for GABA <sub>A</sub> R autophagy proteins in interferon-inducible GTPase-mediated host defense.	Nat Immunol	21.51	WB	mouse	28604719
RB1CC1	17250-1-AP	Essential role for GABA <sub>A</sub> R autophagy proteins in interferon-inducible GTPase-mediated host defense.	Nat Immunol	21.51	WB	mouse	28604719
TOM20	11802-1-AP	Essential role for GABA <sub>A</sub> R autophagy proteins in interferon-inducible GTPase-mediated host defense.	Nat Immunol	21.51	WB, IF	mouse	28604719
FUT8	66118-1-Ig	A Systems Biology Approach Identifies FUT8 as a Driver of Melanoma Metastasis.	Cancer Cell	27.41	WB	human	28609658
OTX2	13497-1-AP	Early life stress confers lifelong stress susceptibility in mice via ventral tegmental area OTX2.	Science	37.21	IF, chIP	mouse	28619944
MFF	17090-1-AP	Molecular basis of selective mitochondrial fusion by heterotypic action between OPA1 and cardiolipin.	Nat Cell Biol	20.06	WB	human	28628083
Tubulin-Alpha	HRP-66031	Human Virus-Derived Small RNAs Can Confer Antiviral Immunity in Mammals.	Immunity	22.85	WB	human	28636969

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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
APOL1 ELISA kit	KE00047	A tripartite complex of suPAR, APOL1 risk variants and $\alpha$ v $\beta$ 3 integrin on podocytes mediates chronic kidney disease.	Nat Med	29.89	—	—	28650456
AMD1	11052-1-AP	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer.	Nature	40.14	WB,IHC	human	28658205
RAB27B	13412-1-AP	MLKL, the Protein that Mediates Necroptosis, Also Regulates Endosomal Trafficking and Extracellular Vesicle Generation.	Immunity	22.85	WB	human	28666573
ARL13B	17711-1-AP	Ciliary Hedgehog Signaling Restricts Injury-Induced Adipogenesis.	Cell	30.41	IF	mouse	28709001
Fabp4	51035-1-AP	Ciliary Hedgehog Signaling Restricts Injury-Induced Adipogenesis.	Cell	30.41	IF	mouse	28709001
SRP14	11528-1-AP	Exosome RNA Unshielding Couples Stromal Activation to Pattern Recognition Receptor Signaling in Cancer.	Cell	30.41	WB	human	28709002
SRP9	11195-1-AP	Exosome RNA Unshielding Couples Stromal Activation to Pattern Recognition Receptor Signaling in Cancer.	Cell	30.41	WB	human	28709002
TSG101	14497-1-AP	Exosome RNA Unshielding Couples Stromal Activation to Pattern Recognition Receptor Signaling in Cancer.	Cell	30.41	WB	human	28709002
ALDOB	18065-1-AP	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK.	Nature	40.14	WB	mouse	28723898
CAMKK2	11549-1-AP	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK.	Nature	40.14	WB	mouse	28723898
GAPDH	HRP-60004	Methyltransferase SETD2-Mediated Methylation of STAT1 Is Critical for Interferon Antiviral Activity.	Cell	30.41	WB	human, mouse	28753426
IFITM1	11727-3-AP	Mitotic progression following DNA damage enables pattern recognition within micronuclei.	Nature	40.14	WB	human	28759889
ZCCHC11	18980-1-AP	mRNA 3' uridylation and poly(A) tail length sculpt the mammalian maternal transcriptome.	Nature	40.14	WB	mouse	28792939
GNB1	10247-2-AP	Golgi-Resident G $\alpha$ o Promotes Protrusive Membrane Dynamics.	Cell	30.41	WB,IF,IP	mouse	28803726
BRD2	22236-1-AP	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4.	Nat Med	29.89	WB	human	28805820
BRD3	11859-1-AP	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4.	Nat Med	29.89	WB	human	28805820
SPOP	16750-1-AP	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4.	Nat Med	29.89	WB	human	28805820
SPOP	16750-1-AP	Intrinsic BET inhibitor resistance in SPOP-mutated prostate cancer is mediated by BET protein stabilization and AKT-mTORC1 activation.	Nat Med	29.89	WB	human	28805822
WFS1	11558-1-AP	Distinct Neural Circuits for the Formation and Retrieval of Episodic Memories.	Cell	30.41	IF	mouse	28823555
MTF2	16208-1-AP	Polycomb-like proteins link the PRC2 complex to CpG islands.	Nature	40.14	WB	mouse	28869966
CCDC22	16636-1-AP	Retriever is a multiprotein complex for retromer-independent endosomal cargo recycling.	Nat Cell Biol	20.06	WB	human	28892079
CCDC93	20861-1-AP	Retriever is a multiprotein complex for retromer-independent endosomal cargo recycling.	Nat Cell Biol	20.06	WB	human	28892079
SNX17	10275-1-AP	Retriever is a multiprotein complex for retromer-independent endosomal cargo recycling.	Nat Cell Biol	20.06	WB	human	28892079

抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
SHARPIN	14626-1-AP	A Dual Role of Caspase-8 in Triggering and Sensing Proliferation-Associated DNA Damage, a Key Determinant of Liver Cancer Development.	Cancer Cell	27.41	WB	mouse	28898696
CPT1A	15184-1-AP	Mitochondrial Priming by CD28.	Cell	30.41	WB,FC	mouse	28919076
METTL3	15073-1-AP	The N6-methyladenosine (m6A)-forming enzyme METTL3 controls myeloid differentiation of normal hematopoietic and leukemia cells.	Nat Med	29.89	WB	human	28920958
METTL3	15073-1-AP	Thiol-linked alkylation of RNA to assess expression dynamics.	Nat Methods	25.06	WB	mouse	28945705
ZC3HAV1	16820-1-AP	CG dinucleotide suppression enables antiviral defence targeting non-self RNA.	Nature	40.14	WB	human	28953888
NGDN	16524-1-AP	A viral Sm-class RNA base-pairs with mRNAs and recruits microRNAs to inhibit apoptosis.	Nature	40.14	WB		28976967
PIK3C2A	22028-1-AP	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2α Scaffolding Function.	Cancer Cell	27.41	WB, IF	human	29017056
GLUD1	14299-1-AP	Metabolic recycling of ammonia via glutamate dehydrogenase supports breast cancer biomass.	Science	37.21	—	—	29025995
MUTED	24015-1-AP	The DNA Inflammosome in Human Myeloid Cells Is Initiated by a STING-Cell Death Program Upstream of NLRP3.	Cell	31.04	WB	human	29033128
beta actin	60008-1-Ig	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding.	Cancer Cell	27.41	WB	human	29033244
GAPDH	60004-1-Ig	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding.	Cancer Cell	27.41	WB	human	29033244
KEAP1	10503-2-AP	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding.	Cancer Cell	27.41	WB, IP	human	29033244
NRF2, NFE2L2	16396-1-AP	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding.	Cancer Cell	27.41	WB, IP	human	29033244
P62/SQSTM1	18420-1-AP	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding.	Cancer Cell	27.41	WB	human	29033244
TNFAIP8L2	15940-1-AP	Direction of leukocyte polarization and migration by the phosphoinositide-transfer protein TIPε2.	Nat Immunol	22.75	WB,IF,IP	mouse	29058702
SNX3	10772-1-AP	Class III phosphatidylinositol-3-OH kinase controls epithelial integrity through endosomal LKB1 regulation.	Nat Cell Biol	20.06	WB	human	29084199
SIX2	11562-1-AP	Higher-Order Kidney Organogenesis from Pluripotent Stem Cells.	Cell Stem Cell	23.39	IF	mouse	29129523
GBP2	11854-1-AP	Ubiquitination and degradation of GBPs by a Shigella effector to suppress host defence.	Nature	40.14	WB,IF	human	29144452
GBP5	13220-1-AP	Ubiquitination and degradation of GBPs by a Shigella effector to suppress host defence.	Nature	40.14	WB,IF	human	29144452
TTL	13618-1-AP	Vasohibins encode tubulin deyrosinating activity.	Science	37.21	WB	human	29146869
HNF4G	25801-1-AP	Aberrant Activation of a Gastrointestinal Transcriptional Circuit in Prostate Cancer Mediates Castration Resistance.	Cancer Cell	27.41	chIP	mouse	29153843

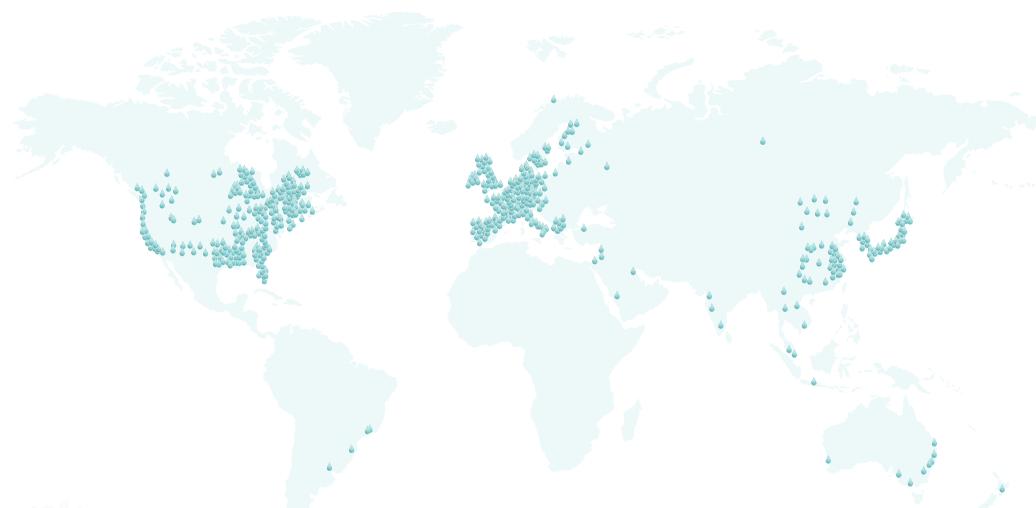
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抗体名称	货号	引用文献	期刊	影响因子	检测方法	应用种属	PMID
SPOP	16750-1-AP	Cyclin D-CDK4 kinase destabilizes PD-L1 via cullin 3-SP0P to control cancer immune surveillance.	Nature	40.14	WB,IP	human	29160310
KRT14	10143-1-AP	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency.	Cell Stem Cell	23.39	IHC	mouse	29174332
KRT18	10830-1-AP	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency.	Cell Stem Cell	23.39	IHC	mouse	29174332
SOX2	11064-1-AP	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency.	Cell Stem Cell	23.39	IHC	mouse	29174332
UCHL1	14730-1-AP	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency.	Cell Stem Cell	23.39	IHC	mouse	29174332
RNASEH1	15606-1-AP	Damage-induced lncRNAs control the DNA damage response through interaction with DDRNAAs at individual double-strand breaks.	Nat Cell Biol	20.06	IF	mouse	29180822
SHARPIN	14626-1-AP	ABIN-1 regulates RIPK1 activation by linking Met1 ubiquitylation with Lys63 deubiquitylation in TNF-RSC.	Nat Cell Biol	20.06	WB,IP	human	29203883
TDP-43	10782-2-AP	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4.	Nature	40.14	IF	human	29211715
SIX2	11562-1-AP	InVivo Target Gene Activation via CRISPR/Cas9-Mediated Trans-epigenetic Modulation.	Cell	30.41	IF	mouse	29224783
KEAP1	10503-2-AP	Systematic analysis of ribophagy in human cells reveals bystander flux during selective autophagy.	Nat Cell Biol	20.59	WB	human	29230017
ATG4D	16924-1-AP	MT4 Phosphorylation of ATG4B Regulates Autophagic Activity, Tumorigenicity, and Radioresistance in Glioblastoma.	Cancer Cell	27.66	WB	human	29232556
PDGFD	14075-1-AP	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor.	Cell	30.41	IHC	human	29275861
GAPDH	60004-1-Ig	Genomic and Epigenomic Profiling of High-Risk Intestinal Metaplasia Reveals Molecular Determinants of Progression to Gastric Cancer.	Cancer Cell	24.41	WB	human	29290541
Tubulin-Alpha	66031-1-Ig	The deubiquitinating enzyme cylindromatosis mitigates nonalcoholic steatohepatitis.	Nat Med	29.89	WB	human	29291351
GAPDH	60004-1-Ig	Recurrent ECSIT mutation encoding V140A triggers hyperinflammation and promotes hemophagocytic syndrome in extranodal NK/T cell lymphoma.	Nat Med	29.89	WB	human	29291352
TAF12	12353-1-AP	A TFIID-SAGA Perturbation that Targets MYB and Suppresses Acute Myeloid Leukemia.	Cancer Cell	27.41	WB	mouse	29316427
Arc	customized	The Neuronal Gene Arc Encodes a Repurposed Retrotransposon Gag Protein that Mediates Intercellular RNA Transfer.	Cell	30.41	—	—	29328916
GADD34	10449-1-AP	A small-molecule inhibitor of the ubiquitin activating enzyme for cancer treatment.	Nat Med	29.89	WB	human	29334375





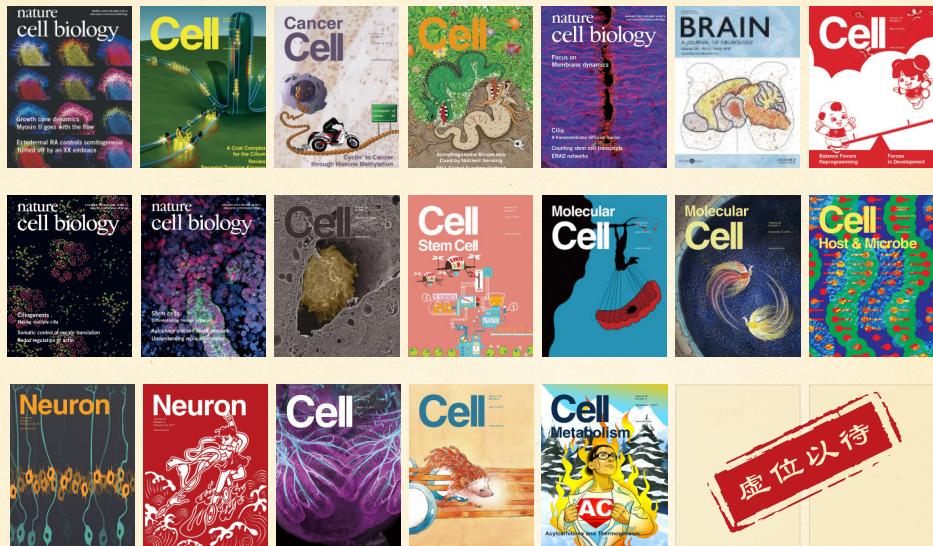
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