

For Research Use Only

USP28 Polyclonal antibody

Catalog Number: 17707-1-AP

Featured Product

23 Publications



Basic Information

Catalog Number:

17707-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12003

GenBank Accession Number:

BC065928

GeneID (NCBI):

57646

UNIPROT ID:

Q96RU2

Full Name:

ubiquitin specific peptidase 28

Calculated MW:

583aa, 66 kDa; 1077aa, 120 kDa

Observed MW:

135 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : A431 cells, HeLa cells, mouse heart tissue, MDA-MB-231 cells

IP : HeLa cells,

Background Information

USP28 (Ubiquitin carboxyl-terminal hydrolase 28) is also named as KIAA1515. USP28 is a 53BP1-interacting protein and a putative deubiquitinating enzyme, and belongs to a family of enzymes, called deubiquitinating enzymes (DUBs), which remove ubiquitin from the ubiquitin conjugates (PMID:16901786). It can be phosphorylated upon DNA damage at Ser-67 and Ser-714, by ATM or ATR (PMID:16901786). This protein has some isoforms produced by alternative splicing with the molecular mass of 122 kDa, 119 kDa and 66 kDa, and can be detected as 130-140 kDa (PMID: 16901786).

Notable Publications

Author	Pubmed ID	Journal	Application
Sheng Li	34755101	iScience	WB
Ying Ren	36442624	Biochem Pharmacol	WB, IF
Jiewei Wang	34822842	J Biol Chem	WB, IP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

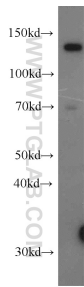
T: 4006900926

E: Proteintech-CN@ptglab.com

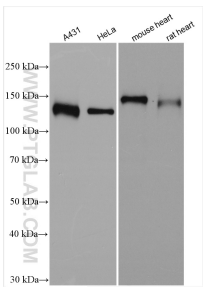
W: ptgcn.com

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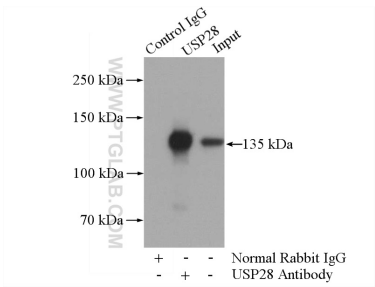
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17707-1-AP (USP28 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 17707-1-AP (USP28 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-USP28 (IP:17707-1-AP, 4ug; Detection:17707-1-AP 1:600) with HeLa cells lysate 2800ug.