

For Research Use Only

CNOT4 Polyclonal antibody

Catalog Number: 12564-1-AP **2 Publications**



Basic Information

Catalog Number: 12564-1-AP	GenBank Accession Number: BC035590	Purification Method: Antigen affinity purification
Size: 750 µg/ml	GeneID (NCBI): 4850	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	UNIPROT ID: O95628	
Isotype: IgG	Full Name: CCR4-NOT transcription complex, subunit 4	
Immunogen Catalog Number: AG3163	Calculated MW: 575 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: FC, IF/ICC, IHC, WB, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, MCF-7 cells, mouse testis tissue IHC : human lung cancer tissue, IF : HepG2 cells,
Cited Applications: WB, IF	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Nafiseh Chalabi Hagkarim	37508532	Cells	WB,IF
Alison J Inglis	37218462	J Cell Sci	WB

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:

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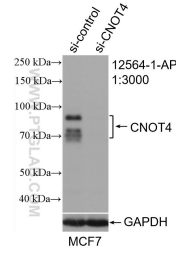
W: ptgcn.com

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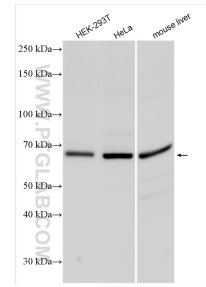
Selected Validation Data



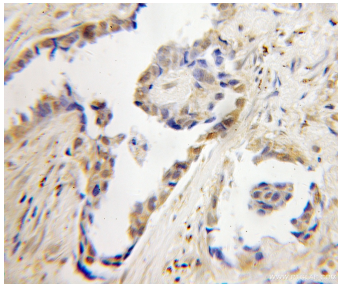
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 12564-1-AP (CNOT4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



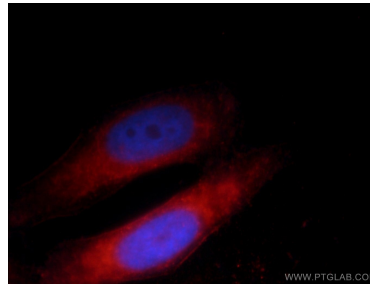
WB result of CNOT4 antibody (12564-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNOT4 transfected MCF-7 cells.



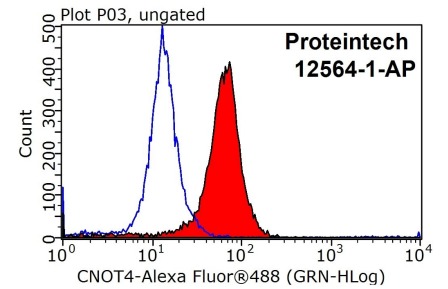
Various lysates were subjected to SDS PAGE followed by western blot with 12564-1-AP (CNOT4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 12564-1-AP (CNOT4 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using CNOT4 antibody 12564-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1×10^6 HepG2 cells were stained with 0.2ug CNOT4 antibody (12564-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.