

For Research Use Only

CNOT4 Polyclonal antibody

Catalog Number: 12564-1-AP

4 Publications



Basic Information

Catalog Number:

12564-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3163

GenBank Accession Number:

BC035590

GeneID (NCBI):

4850

UNIPROT ID:

O95628

Full Name:

CCR4-NOT transcription complex,
subunit 4

Calculated MW:

575 aa, 64 kDa

Observed MW:

64-85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, IP

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**

Positive Controls:

WB : mouse skeletal muscle tissue, MCF-7 cells, mouse
testis tissue

IHC : human lung cancer tissue,

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoqiang Zhu	39571015	Science	WB
Ji Geng	38388640	Nat Commun	WB,IP
Nafiseh Chalabi Hagkarim	37508532	Cells	WB,IF

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

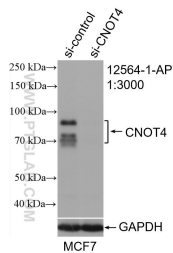
W: ptgcn.com

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other manufacturer.**

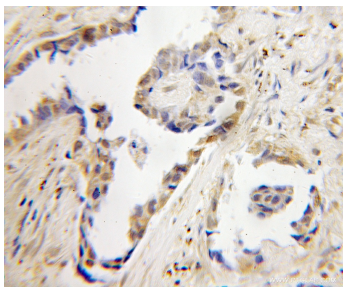
Selected Validation Data



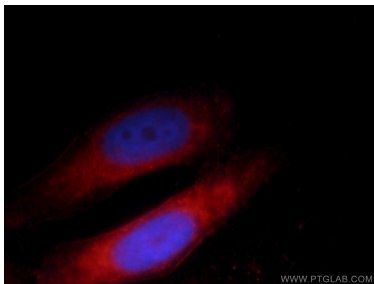
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 12564-1-AP (CNOT4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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.



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).