

For Research Use Only

CNOT4 Polyclonal antibody

Catalog Number: 12564-1-AP

4 Publications



Basic Information

Catalog Number:

12564-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

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,

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

*** 20ul sizes contain 0.1% BSA

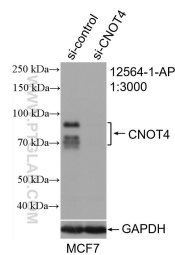
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

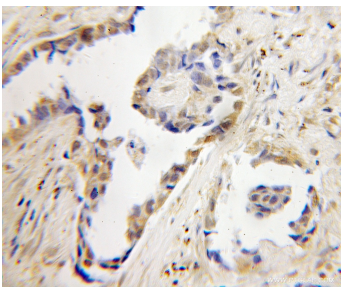
Selected Validation Data



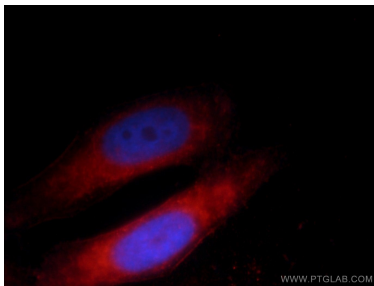
WB result of CNOT4 antibody (12564-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNOT4 transfected MCF-7 cells.



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.



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).