

For Research Use Only

RNF10 Polyclonal antibody

Catalog Number: 16936-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

16936-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10433

GenBank Accession Number:

BC016622

GeneID (NCBI):

9921

UNIPROT ID:

Q8N5U6

Full Name:

ring finger protein 10

Calculated MW:

811 aa, 90 kDa

Observed MW:

90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:250-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : PC-3 cells, Jurkat cells, human brain tissue

IP : PC-3 cells,

IHC : mouse brain tissue, human brain tissue

IF/ICC : HepG2 cells,

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

RING finger (C3HC4-type zinc finger) is a variant zinc finger motif present in a new family of proteins including transcription regulators. RNF10 (RING finger protein 10), a 90-kDa protein, contains a ring finger motif which is known to be involved in protein-protein interactions. RNF10 regulates myelin-associated glycoprotein (MAG) expression and is required for myelin formation, therefore, participates in the peripheral nerve development and Schwann cell differentiation. RNF10 is also involved in activation of p21WAF1 promoter via its activity as transcriptional factor.

Notable Publications

Author	Pubmed ID	Journal	Application
Nicolò Carrano	31069631	Mol Neurobiol	WB,IHC
Margarita C Dinamarca	26977767	Elife	WB,IF
Aitor Garzia	34348161	Cell Rep	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

*** 20ul sizes contain 0.1% BSA

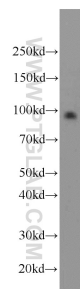
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

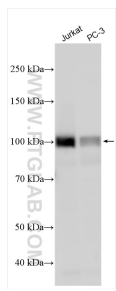
E: proteintech@ptglab.com
W: ptglab.com

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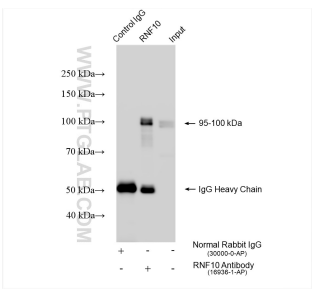
Selected Validation Data



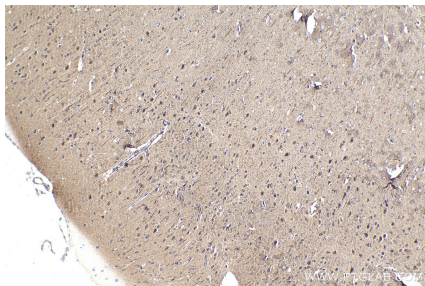
PC-3 cells were subjected to SDS PAGE followed by western blot with 16936-1-AP (RNF10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



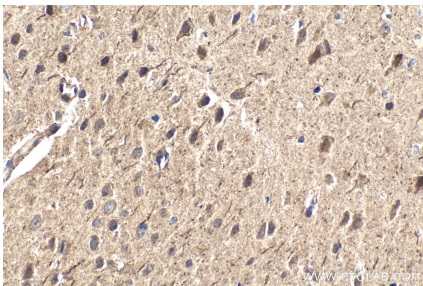
Various lysates were subjected to SDS PAGE followed by western blot with 16936-1-AP (RNF10 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



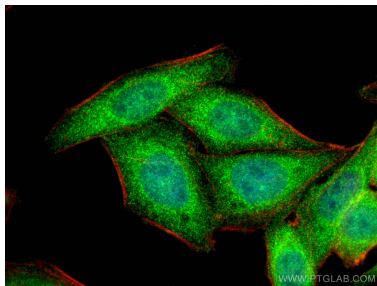
IP result of anti-RNF10 (IP:16936-1-AP, 4ug; Detection:16936-1-AP 1:500) with PC-3 cells lysate 1480 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16936-1-AP (RNF10 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16936-1-AP (RNF10 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RNF10 antibody (16936-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).