

For Research Use Only

# RNF10 Polyclonal antibody

Catalog Number: 16936-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 16936-1-AP	<b>GenBank Accession Number:</b> BC016622	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 650 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9921	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> ring finger protein 10	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 811 aa, 90 kDa	
<b>Immunogen Catalog Number:</b> AG10433	<b>Observed MW:</b> 90 kDa	

## Applications

**Tested Applications:**  
IF, IHC, IP, WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human

**Cited Species:**  
human, rat, mouse

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

**IP:** PC-3 cells,

**IHC:** human brain tissue,

**IF:** HepG2 cells,

## 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

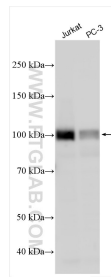
For technical support and original validation data for this product please contact:

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

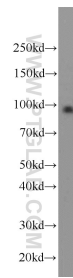
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

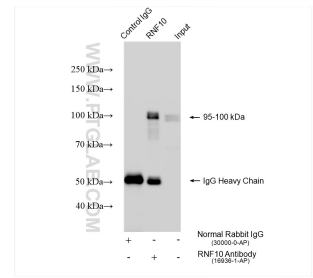
## Selected Validation Data



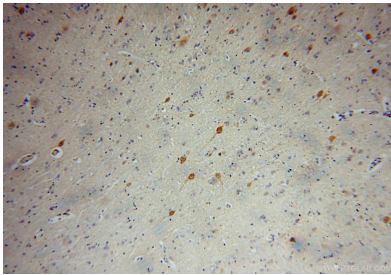
Various lysates were subjected to SDS PAGE followed by western blot with 16936-1-AP (RNF10 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



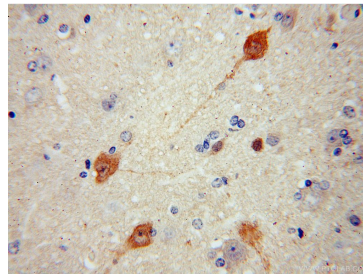
PC-3 cells were subjected to SDS PAGE followed by western blot with 16936-1-AP (RNF10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



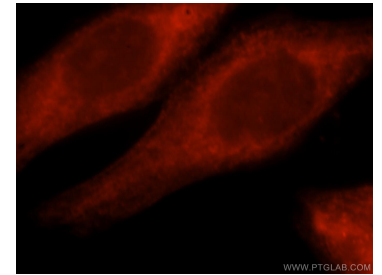
IP result of anti-RNF10(IP:16936-1-AP, 4ug; Detection:16936-1-AP 1:500) with PC-3 cells lysate 1480 ug.



Immunohistochemical analysis of paraffin-embedded human brain using 16936-1-AP (RNF10 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16936-1-AP (RNF10 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using RNF10 antibody 16936-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).