

For Research Use Only

ATXN10 Polyclonal antibody

Catalog Number: 15693-1-AP

3 Publications



Basic Information

Catalog Number:

15693-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8259

GenBank Accession Number:

BC007508

GeneID (NCBI):

25814

UNIPROT ID:

Q9UBB4

Full Name:

ataxin 10

Calculated MW:

53 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, 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: human brain tissue, HEK-293 cells, HeLa cells, human cerebellum tissue, human kidney tissue

IP: A431 cells,

IHC: human ovary tumor tissue,

IF/ICC: HeLa cells,

Background Information

ATXN10, also named as SCA10, is a 475 amino acid protein, which belongs to the ataxin-10 family. ATXN10 is expressed in the central nervous system. ATXN10 is necessary for the survival of cerebellar neurons. ATXN10 may play a role in the maintenance of a critical intracellular glycosylation level and homeostasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Robert J Andrew	30664241	J Neurochem	WB
Harihar M Mohan	39484508	bioRxiv	WB, IF
Sang Liyun L	21565611	Cell	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

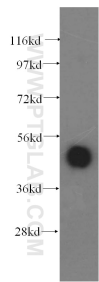
For technical support and original validation data for this product please contact:

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

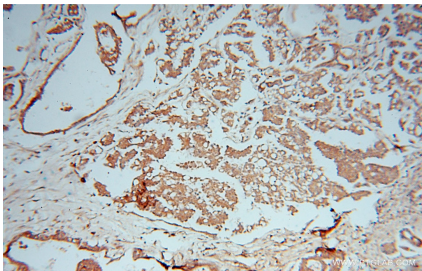
E: proteintech@ptglab.com
W: ptglab.com

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

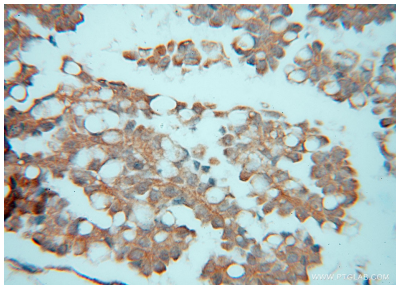
Selected Validation Data



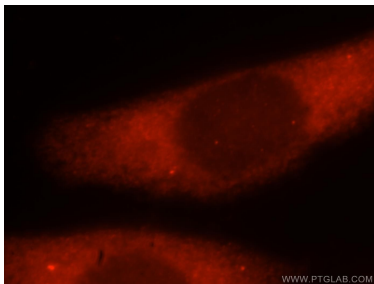
human brain tissue were subjected to SDS PAGE followed by western blot with 15693-1-AP (ATXN10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



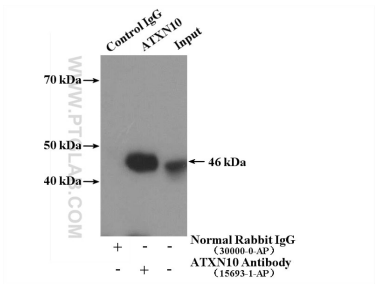
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15693-1-AP (ATXN10 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15693-1-AP (ATXN10 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using ATXN10 antibody 15693-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-ATXN10 (IP:15693-1-AP, 4ug; Detection:15693-1-AP 1:1000) with A431 cells lysate 1200ug.