

For Research Use Only

# ATXN2L Polyclonal antibody

Catalog Number: 24822-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

24822-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20581

### GenBank Accession Number:

BC082760

### GeneID (NCBI):

11273

### UNIPROT ID:

Q8WWM7

### Full Name:

ataxin 2-like

### Calculated MW:

1062 aa, 112 kDa

### Observed MW:

~140 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, ColP, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

**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 : Jurkat cells, HeLa cells, MKN-45 cells

IP : HeLa cells,

IHC : human tonsillitis tissue, human stomach cancer tissue

IF/ICC : A431 cells,

## Background Information

ATXN2L is a paralog of Ataxin-2 (ATXN2) but without abnormal polyQ expanded track, which is conserved in most of the ATXNs and drives the pathogenesis of neurodegeneration. It was reported that ATXN2L was widely expressed in immortalized cell lines, and ATXN2L-JAK2 fusion was found in CD4-positive T-cell lymphoma.

## Notable Publications

| Author       | Pubmed ID | Journal       | Application |
|--------------|-----------|---------------|-------------|
| Luam E Araya | 34553588  | ACS Chem Biol | WB          |
| Xiaobao Gong | 36218239  | Phytother Res | WB          |
| Jana Key     | 32698485  | Int J Mol Sci | 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

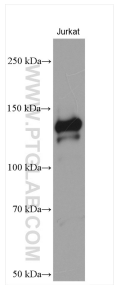
For technical support and original validation data for this product please contact:

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

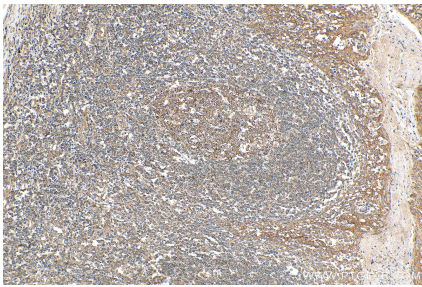
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

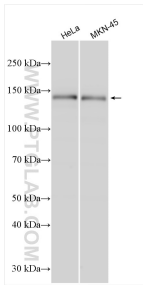
Selected Validation Data



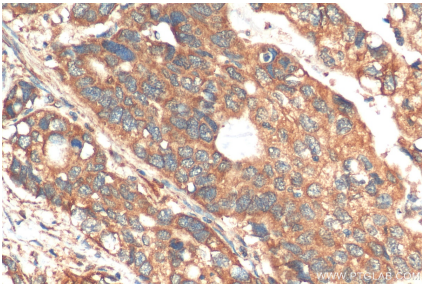
Jurkat cells were subjected to SDS PAGE followed by western blot with 24822-1-AP (ATXN2L antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



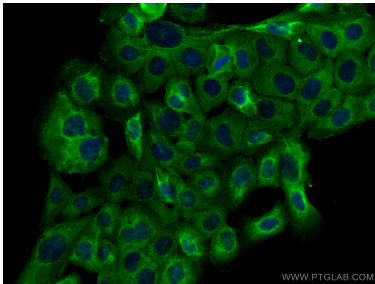
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24822-1-AP (ATXN2L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



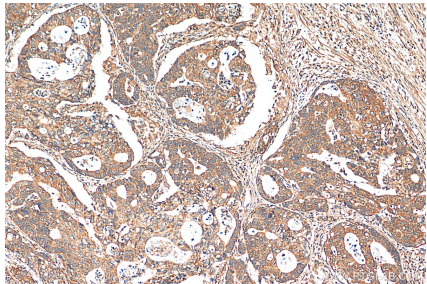
Various lysates were subjected to SDS PAGE followed by western blot with 24822-1-AP (ATXN2L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



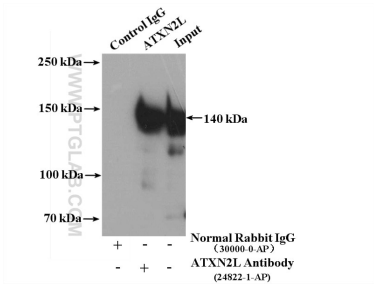
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 24822-1-AP (ATXN2L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ATXN2L antibody (24822-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 24822-1-AP (ATXN2L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-ATXN2L (IP:24822-1-AP, 4ug; Detection:24822-1-AP 1:2000) with HeLa cells lysate 2400ug.