

For Research Use Only

# MYO9B Polyclonal antibody

Catalog Number: 12432-1-AP

Featured Product

12 Publications



## Basic Information

### Catalog Number:

12432-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3108

### GenBank Accession Number:

BC018108

### GeneID (NCBI):

4650

### UNIPROT ID:

Q13459

### Full Name:

myosin IXB

### Calculated MW:

2023 aa, 223 kDa

### Observed MW:

230-250 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:500-1:1000

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

IHC: 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, 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 : mouse thymus tissue, HL-60 cells, Jurkat cells

IP : HepG2 cells,

IHC : human tonsillitis tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Silvia Cipriani	36260368	Eur J Neurol	WB,IF
Feng-Shuang Yi	33046503	J Immunol	WB
Fengshuang Yi	27363609	J Mol Biol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

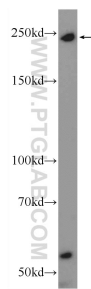
For technical support and original validation data for this product please contact:

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

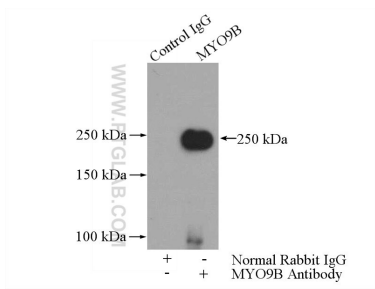
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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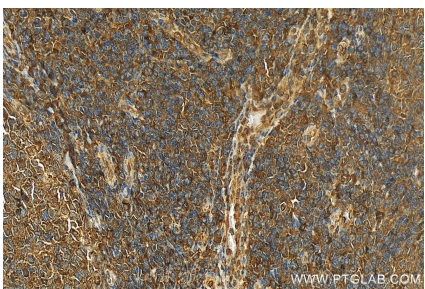
Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 12432-1-AP (MYO9B Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-MYO9B (IP:12432-1-AP, 5ug; Detection:12432-1-AP 1:500) with HepG2 cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12432-1-AP (MYO9B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).