

For Research Use Only

# BAG1S/1M/1L Polyclonal antibody

Catalog Number: 16150-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

16150-1-AP

### Size:

550 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_004323

### GeneID (NCBI):

573

### UNIPROT ID:

Q99933

### Full Name:

BCL2-associated athanogene

### Calculated MW:

26 kDa

### Observed MW:

46-50 kDa, 41-46 kDa, 25-33 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 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

**WB** : mouse brain tissue, Jurkat cells, mouse liver tissue

**IP** : Jurkat cells,

**IHC** : human testis tissue, human kidney tissue, human lung tissue, human ovary tissue, human placenta tissue, human spleen tissue

**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

BAG1 has been identified that modulates gene transcription through poorly defined mechanisms. Four isoforms of the BAG1 protein (BAG1S, BAG1, BAG1M, and BAG1L) can be produced from a common mRNA by use of alternative translation initiation sites, including a non-canonical CTG codon in one instance. The longest, BAG1L (Mr ~50K), contains a nuclear localization signal (NLS) and resides in the nucleus, whereas BAG1M (Mr ~46K) has an incomplete NLS and distributes mainly in cytosol, unless dragged into the nucleus through interactions with other. Distribution of BAG1S(p33) is not clear yet. This antibody recognizes three isoforms of BAG1, includes GAG1L, BAG1M, and BAG1S.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenbai Huang	26846101	Tumour Biol	WB,IHC

## 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

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

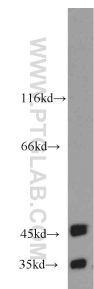
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

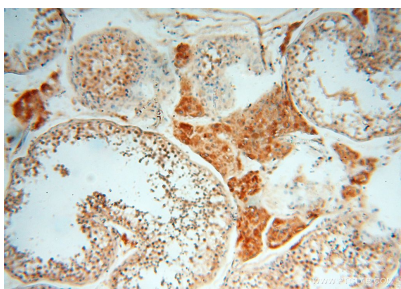
W: [ptgcn.com](http://ptgcn.com)

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

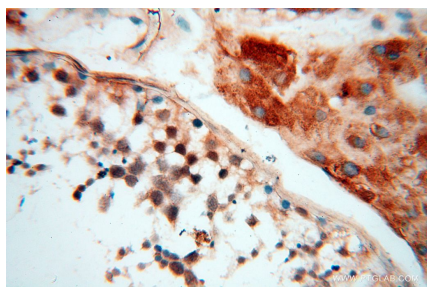
Selected Validation Data



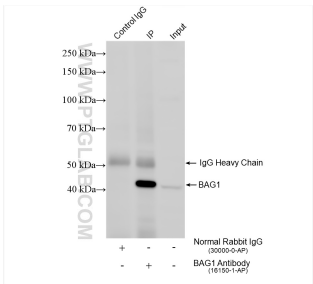
mouse brain tissue were subjected to SDS PAGE followed by western blot with 16150-1-AP (BAG1S/1M/1L antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 16150-1-AP (BAG1S/1M/1L antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 16150-1-AP (BAG1S/1M/1L antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-BAG1S/1M/1L (IP:16150-1-AP, 4ug; Detection:16150-1-AP 1:800) with Jurkat cells lysate 1320 ug.