

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:

150ul, Concentration: 550 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

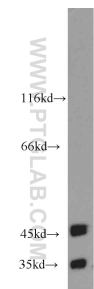
For technical support and original validation data for this product please contact:

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

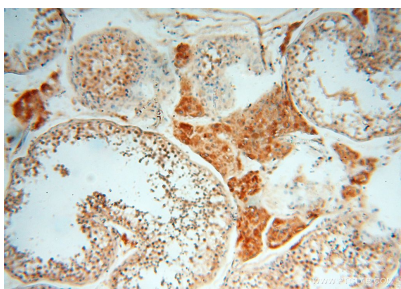
E: proteintech@ptglab.com
W: ptglab.com

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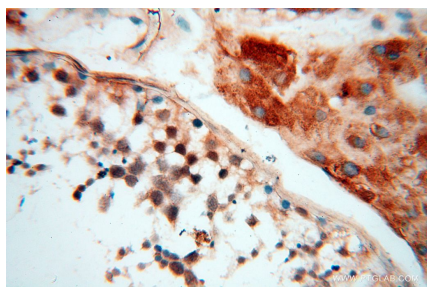
Selected Validation Data



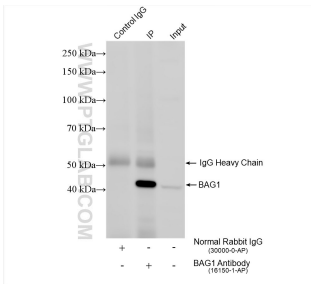
mouse brain tissue were subjected to SDS PAGE followed by western blot with 16150-1-AP (BAG1S/1M/1L antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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.