

For Research Use Only

BAG2 Polyclonal antibody

Catalog Number: 29820-1-AP

1 Publications



Basic Information

Catalog Number:

29820-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30873

GenBank Accession Number:

NM_004282

GeneID (NCBI):

9532

UNIPROT ID:

O95816

Full Name:

BCL2-associated athanogene 2

Calculated MW:

24 kDa

Observed MW:

25-27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A549 cells, HepG2 cells, U-251 cells, U-87 MG cells, mouse testis tissue, rat testis tissue

Background Information

BAG2 (BAG family molecular chaperone regulator 2) is one of six proteins in mammals that contain the BAG domain, which belongs to the BAG (Bcl-2-associated athanogene) family. BAG2 has been described as a negative regulator of the chaperone-associated ubiquitin ligase C terminus of Hsc70-interacting protein (CHIP) that participates in the ubiquitin-mediated proteasomal degradation of misfolded substrate proteins (PMID: 16207813). BAG2 is widely expressed in human tissues, including brown adipose, heart and lung tissue, as well as in various types of tumor cells, including renal cell carcinoma, glioblastoma and thyroid carcinoma cells (PMID: 28536620). BAG2 overexpression is associated with poor prognosis in patients and mutp53 accumulation in tumors (PMID: 26271008).

Notable Publications

Author	Pubmed ID	Journal	Application
Maoge Zhou	37485370	iScience	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

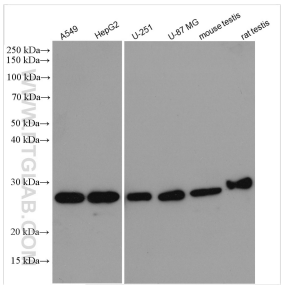
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 29820-1-AP (BAG2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.