

For Research Use Only

BAG2 Polyclonal antibody, PBS Only

Catalog Number: 29820-1-PBS



Basic Information

Catalog Number:

29820-1-PBS

Concentration:

1 mg/ml

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

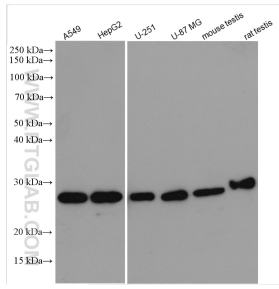
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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. This data was developed using the same antibody clone with 29820-1-PBS in a different storage buffer formulation.