For Research Use Only

BAG2 Recombinant antibody, PBS Only

Catalog Number:85063-4-PBS

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Uni-rAb
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Basic Information

Catalog Number:
85063-4-PBS

Concentration:
1000 μg/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 kDa

Purification Method:
Protein A purification

CloneNo.:
242717G4

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

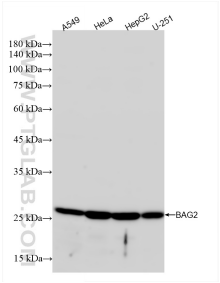
BAG2 (BAG family molecular chaperone regulator 2) is one of six proteins in mammals that contain the BAG domain, which belongs to the BAG (Bcl-2-associated athanogene) family. BAG2 has been described as a negative regulator of the chaperone-associated ubiquitin ligase C terminus of Hsc70-interacting 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

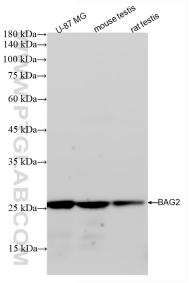
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85063-4-RR (BAG2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85063-4-PBS in a different storage buffer formulation.



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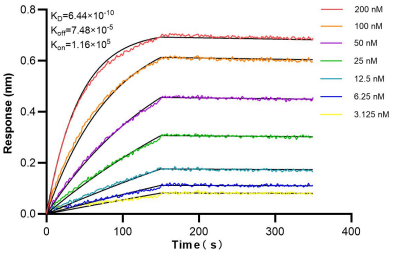

Biolayer interferometry (BLI) kinetic assays of 85063-4-RR against Human BAG2 were performed. The affinity constant is 0.644 nM.