

For Research Use Only

# BAG2 Recombinant antibody

Catalog Number: 85063-4-RR



## Basic Information

Catalog Number:

85063-4-RR

Concentration:

1000  $\mu$ g/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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, U-87 MG cells, HeLa cells, HepG2 cells, U-251 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 mtp53 accumulation in tumors (PMID: 26271008).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

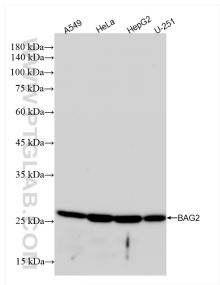
T: 4006900926

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

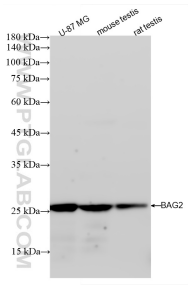
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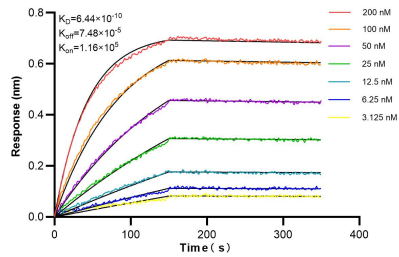
Selected Validation Data



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.



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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.