

For Research Use Only

BAG2 Recombinant antibody

Catalog Number: 85063-4-RR



Basic Information

Catalog Number: 85063-4-RR	GenBank Accession Number: NM_004282	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9532	CloneNo.: 242717G4
Source: Rabbit	UNIPROT ID: O95816	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: BCL2-associated athanogene 2	
Immunogen Catalog Number: AG30873	Calculated MW: 24 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, U-87 MG cells, HeLa cells, HepG2 cells, U-251 cells, mouse testis tissue, rat testis tissue
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 mtp53 accumulation in tumors (PMID: 26271008).

Storage

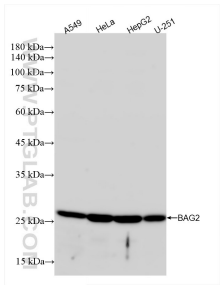
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

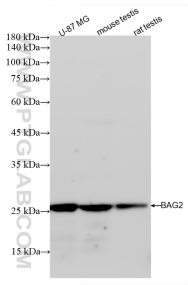
For technical support and original validation data for this product please contact:
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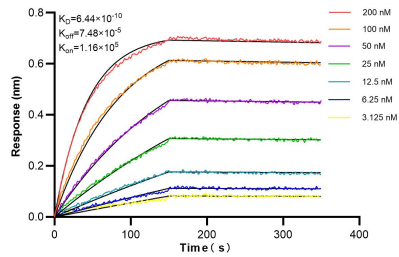
Selected Validation Data



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.