

For Research Use Only

# BAG2 Polyclonal antibody, PBS Only

Catalog Number: 29820-1-PBS



## Basic Information

<b>Catalog Number:</b> 29820-1-PBS	<b>GenBank Accession Number:</b> NM_004282	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9532	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95816	
<b>Isotype:</b> IgG	<b>Full Name:</b> BCL2-associated athanogene 2	
<b>Immunogen Catalog Number:</b> AG30873	<b>Calculated MW:</b> 24 kDa	
	<b>Observed MW:</b> 25-27 kDa	

## 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.

**Storage Buffer:**  
PBS Only

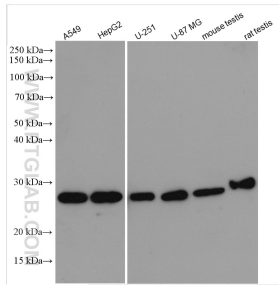
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## Selected Validation Data



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