

BAG2 Polyclonal Antibody

Catalog NumberPA5-27701

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 211 of Human BAG2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: A431, HeLa. Predicted reactivity: Mouse (95%), Rat (94%), Rhesus Monkey (99%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner.

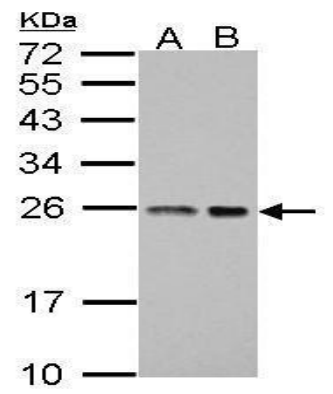
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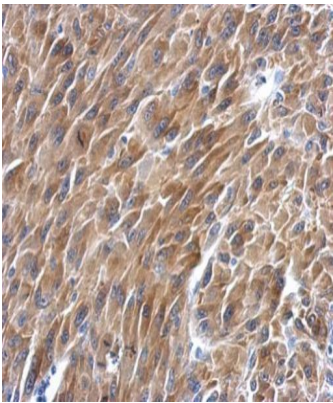
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Product Images For BAG2 Polyclonal Antibody



BAG2 Antibody (PA5-27701) in WB
Western Blot using BAG2 Polyclonal Antibody (Product # PA5-27701). Sample (30 µg of whole cell lysate). Lane A: A431. Lane B: HeLa. 12% SDS PAGE. BAG2 Polyclonal Antibody (Product # PA5-27701) diluted at 1:1,000.



BAG2 Antibody (PA5-27701) in IHC (P)
Immunohistochemical analysis of paraffin-embedded U87 xenograft, using BAG2 (Product # PA5-27701) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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