# antibodies - online.com







## anti-BAG3 antibody (C-Term)



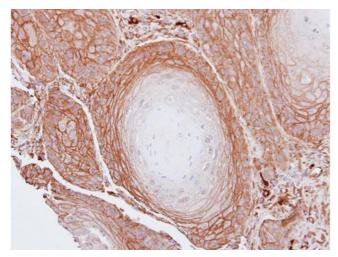
**Images** 



Overview	
Quantity:	100 μL
Target:	BAG3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human BAG3.  The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to BAG3 (BCL2-associated athanogene 3) BAG3 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	BAG3

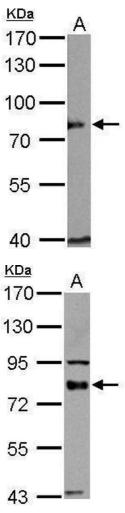
### **Target Details**

Alternative Name:	BCL2 associated athanogene 3 (BAG3 Products)
Background:	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 protein encoded by this gene
	contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. 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.
Molecular Weight:	62 kDa
Gene ID:	9531
UniProt:	095817
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: mouse heart
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.41 mg/mL
Buffer:	1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



#### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using BAG3, antibody at 1:100 dilution.



#### **Western Blotting**

**Image 2.** WB Image BAG3 antibody detects BAG3 protein by Western blot analysis. A. 50  $\mu$ g mouse heart lysate/extract 7.5 % SDS-PAGE BAG3 antibody , dilution: 1:1000

#### **Western Blotting**

**Image 3.** WB Image BAG3 antibody detects BAG3 protein by Western blot analysis. A. 30 μg K562 whole cell lysate/extract 7.5 % SDS-PAGE BAG3 antibody , dilution: 1:1000