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#### Datasheet for ABIN2855386

## anti-BAG2 antibody

**Images** 

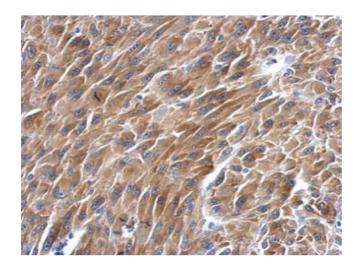


#### Overview

Overview	
Quantity:	100 μL
Target:	BAG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human BAG2. The
	exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to BAG2 (BAG family molecular chaperone regulator 2)
	BAG2 antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated
Target Details	
Target:	BAG2

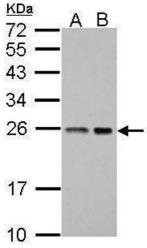
### **Target Details**

Alternative Name:	BCL2 associated athanogene 2 (BAG2 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 nea
	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.
Molecular Weight:	24 kDa
Gene ID:	9532
UniProt:	095816
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determine
	by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , HeLa
	Validation: KO/KD
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC
	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 U87 xenograft, using BAG2, antibody at 1:500 dilution.



#### **Western Blotting**

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 B: HeLa 12% SDS PAGE antibody diluted at 1:1000