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# anti-BAG2 antibody





#### Overview

Quantity:	100 μL
Target:	BAG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BAG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## **Product Details**

Purpose:	BAG2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human BAG2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

# Target Details

Target:	BAG2
Alternative Name:	BAG2 (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 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. [provided by RefSeq, Jul 2008],BAG-2, dJ417I1.2,Apoptosis,Apoptosis\_Bcl 2 family,Cancer,Cell Biology & Developmental Biology,Endocrine & Metabolism,Invasion and Metastasis,Signal Transduction,BAG2

Molecular Weight: 24kDa

Gene ID: 9532

UniProt: 095816

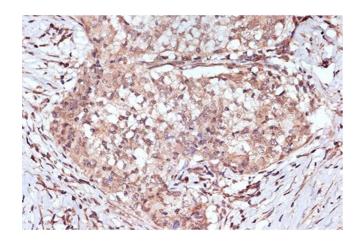
## **Application Details**

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

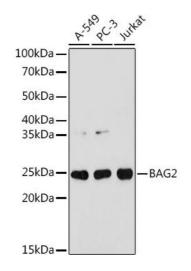
# Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



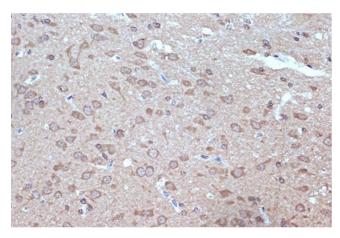
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human esophageal cancer using B Rabbit mAb (ABIN7265849) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



#### **Western Blotting**

Image 2. Western blot analysis of extracts of various cell lines, using B antibody (ABIN7265849) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



#### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded rat brain using B Rabbit mAb (ABIN7265849) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 4 images are available for ABIN7265849.