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# anti-BAG1 antibody (AA 323-345)



**Images** 



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Quantity:	100 μg
Target:	BAG1
Binding Specificity:	AA 323-345
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Amino acids 323-345 (DTVEQNICQETERLQSTNFALAE) from the human protein were used as
	the immunogen for the BAG1 antibody.
Isotype:	IgG
Cross-Reactivity (Details):	Expected species reactivity: Human
Purification:	Antigen affinity purified
Target Details	
Target:	BAG1
Alternative Name:	BAG1 (BAG1 Products)
Background:	BAG family molecular chaperone regulator 1 (BAG1) is a protein that in humans is encoded by
	the BAG1 gene. Human BAG1 is mapped to chromosome 9p12, a region associated with
	hereditary disorders that may involve developmental dysregulation of programmed cell death.

# **Target Details**

The Bag1 protein is rich in glutamic acid residues. Its deduced 274-amino acid protein has a calculated molecular mass of 31 KD. Being the BCL-2-associated athanogene, Bag1 enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms.

UniProt:

Q99933

# **Application Details**

Application Notes:	Optimal dilution of the BAG1 antibody should be determined by the researcher.\. WB: 0.5-1 $\mu$
	g/mL,IHC (FFPE): 1-2 μg/mL
Restrictions:	For Research Use only

# Handling

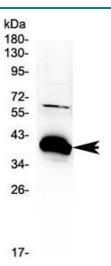
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water	
Storage:	-20 °C	
Storage Comment:	After reconstitution, the BAG1 antibody can be stored for up to one month at 4°C. For long-	
	term, aliquot and store at -20°C. Avoid repeated freezing and thawing.	

#### **Images**



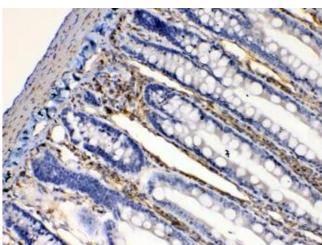
### **Immunohistochemistry**

**Image 1.** IHC testing of FFPE rat testis tissue with BAG1 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



### **Western Blotting**

**Image 2.** Western blot testing of rat kidney tissue with BAG1 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.



### **Immunohistochemistry**

**Image 3.** IHC testing of FFPE rat intestine tissue with BAG1 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.