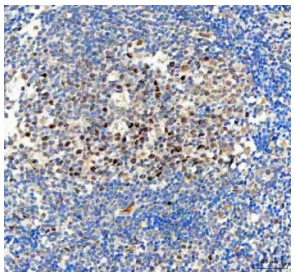
BAG1 Antibody (R32784)

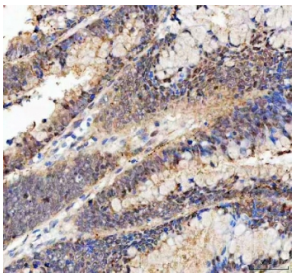
Catalog No.	Formulation	Size
R32784	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

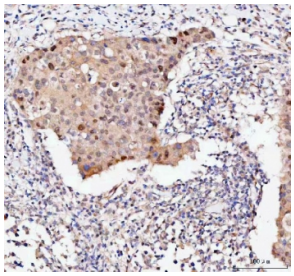
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q99933
Localization	Cytoplasmic, nuclear
Applications	WB: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This BAG1 antibody is available for research use only.



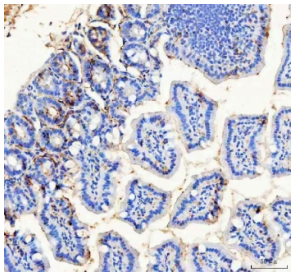
IHC staining of FFPE human tonsil tissue with BAG1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



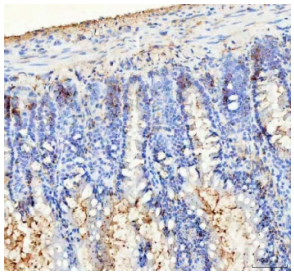
IHC staining of FFPE human colorectal adenocarcinoma tissue with BAG1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



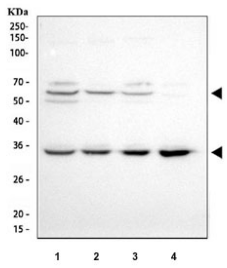
IHC staining of FFPE human breast cancer tissue with BAG1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse colon tissue with BAG1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat colon tissue with BAG1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HeLa, 2) Jurkat, 3) MCF7 and 4) 293T cell lysate with BAG1 antibody. Predicted molecular weight ~50 kDa (long form), 29-33 (short form).

Description

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. 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.

Application Notes

Optimal dilution of the BAG1 antibody should be determined by the researcher.

Immunogen

Amino acids 323-345 (DTVEQNICQETERLQSTNFALAE) from the human protein were used as the immunogen for the BAG1 antibody.

Storage

After reconstitution, the BAG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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