

Rabbit BAG-1 Polyclonal Antibody | anti-BAG-1 antibody

BAG-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302366	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

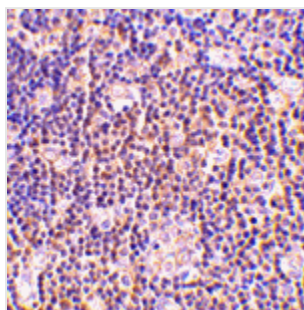
PRODUCT SYNONYMS

BAG-1; Polyclonal Antibody; BAG-1 Antibody; Bcl-2-binding athanogene-1; receptor-associated protein 46; RAP46; anti-BAG-1 antibody

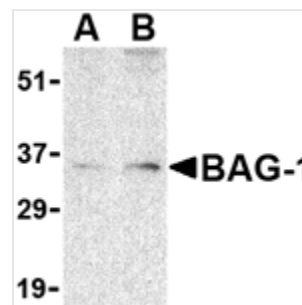
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	345
Applicable Applications for anti-BAG-1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the amino terminus of human BAG-1.
Target Name	BAG-1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of BAG-1 in human lymph node tissue with BAG-1 antibody at 2 ug/mL


WB (Western Blot)

Western blot analysis of BAG-1 in PC-3 cell lysate with BAG-1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BAG-1 antibody	Bcl-2-associated athanogene 1 (BAG-1) was first identified as an anti-apoptotic bcl-2-binding protein. Later it was found to bind the molecular chaperones Hsp70 and Hsc70 through its carboxy-terminal sequence (termed the Bag domain), resulting in the inhibition of the refolding activity of these chaperones. It is thought that by binding and inhibiting these molecular chaperones, BAG-1 is able to modulate the expression level of proteins requiring chaperones to fold correctly. One such group of proteins that are affected is glucocorticoid receptors. Other reports have suggested that the level of BAG-1 expression correlates with the aggressiveness of various cancers. Multiple isoforms of BAG-1 are known to exist.
Product Categories/Family for anti-BAG-1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	288915525
NCBI GeneID	573
NCBI Accession #	NP_004314
NCBI GenBank Nucleotide #	NM_004323.5
Molecular Weight	25,989 Da
NCBI Official Full Name	BAG family molecular chaperone regulator 1 isoform BAG-1L
NCBI Official Synonym Full Names	BCL2-associated athanogene
NCBI Official Symbol	BAG1
NCBI Official Synonym Symbols	HAP; BAG-1; RAP46
NCBI Protein Information	BAG family molecular chaperone regulator 1
UniProt Protein Name	BAG family molecular chaperone regulator 1
UniProt Gene Name	BAG1
UniProt Synonym Gene Names	HAP; BAG-1
UniProt Entry Name	BAG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bag-1-antibody-immunohistochemistry-western-blot-elisa/302366>