

Rabbit BAG-1 Polyclonal Antibody | anti-BAG1 antibody

BAG-1 Antibody

CATALOG # AAA40055	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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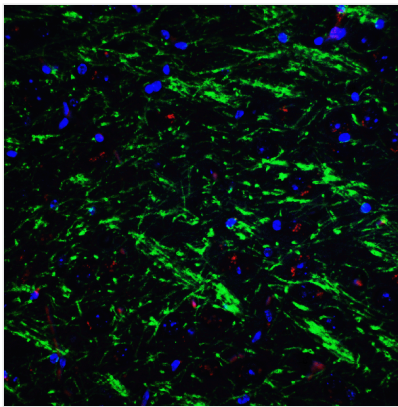
PRODUCT SYNONYMS

BAG-1; Polyclonal Antibody; BAG-1 Antibody; HAP; RAP46; BAG family molecular chaperone regulator 1; Bcl-2-associated athanogene 1; BCL2-associated athanogene; anti-BAG1 antibody

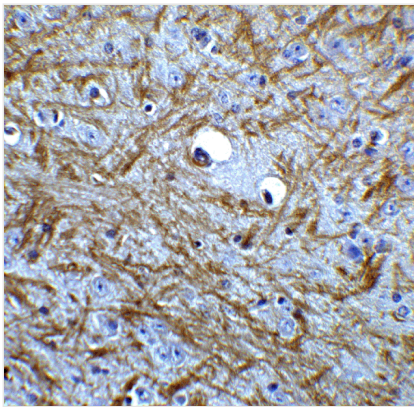
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BAG-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	345
Applicable Applications for anti-BAG1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BAG-1 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human BAG-1.
Buffer	BAG-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BAG-1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.

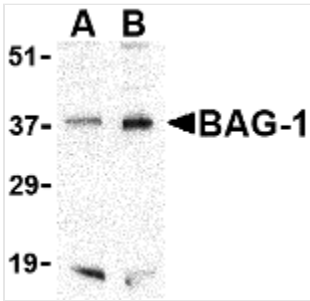
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BAG 1 in mouse brain tissue with BAG 1 Antibody at 20 µg/mL. Green: BAG 1 antibody (3869) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of BAG 1 in mouse brain tissue with BAG 1 Antibody at 5 µg/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 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BAG1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124494251
NCBI GeneID	573
NCBI Accession #	NP_004314
NCBI GenBank Nucleotide #	NM_004323.4
UniProt Accession #	Q99933; O75315; Q14414; Q53H32; Q5VZE8; Q5VZE9; Q5VZF0; Q96TG2; Q9Y2V4
Molecular Weight	25,989 Da
NCBI Official Full Name	BCL2-associated athanogene isoform 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; Bcl-2-binding protein; receptor-associated protein, 46-KD; Bcl-2 associating athanogene-1 protein; glucocortoid receptor-associated protein RAP46
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bag-1-antibody-western-blot-elisa/40055>