

Rabbit BAG4 Polyclonal Antibody | anti-BAG4 antibody

BAG4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325398	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

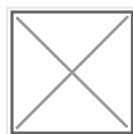
PRODUCT SYNONYMS

BAG4; Polyclonal Antibody; BAG4 Antibody; BAG 4; BAG family molecular chaperone regulator 4; BAG-4; BAG4_HUMAN; Bcl 2 associated athanogene 4; Bcl-2 associated athanogene 4; BCL2 associated athanogene 4; Silencer of death domains; SODD; anti-BAG4 antibody

PRODUCT SPECIFICATIONS

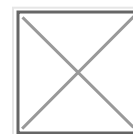
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BAG4 antibody detects endogenous levels of total BAG4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	421
Applicable Applications for anti-BAG4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Ubiquitous.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325398 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using BAG4 antibody.



IF (Immunofluorescence)

AAA325398 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BAG4 antibody	Function: Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release (By similarity). Prevents constitutive TNFRSF1A signaling. Negative regulator of PRKN translocation to damaged mitochondria. Subunit Structure: Binds to the ATPase domain of HSP/HSC70 chaperones. Binds to the death domain of TNFRSF1A in the absence of TNF and thereby prevents binding of adapter molecules such as TRADD or TRAF2. Binds to the death domain of TNFRSF12. Interacts with PRKN.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325910869
NCBI GeneID	9530
NCBI Accession #	NP_001191807.1
NCBI GenBank Nucleotide #	NM_001204878.1
UniProt Accession #	O95429; O95818; B4E217
Molecular Weight	Observed: 49 kD Predicted: 50 kDa
NCBI Official Full Name	BAG family molecular chaperone regulator 4 isoform 2
NCBI Official Synonym Full Names	BCL2 associated athanogene 4
NCBI Official Symbol	BAG4
NCBI Official Synonym Symbols	SODD; BAG-4
NCBI Protein Information	BAG family molecular chaperone regulator 4
UniProt Protein Name	BAG family molecular chaperone regulator 4
UniProt Gene Name	BAG4
UniProt Synonym Gene Names	SODD; BAG-4

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/bag4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325398>