

Rabbit BAG3 Polyclonal Antibody | anti-BAG3 antibody

BAG3 Antibody

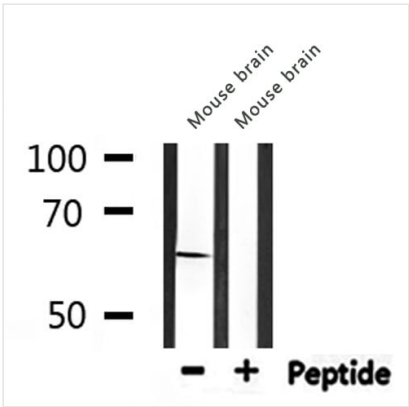
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325397	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

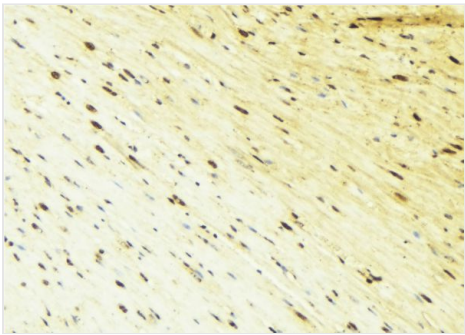
BAG3; Polyclonal Antibody; BAG3 Antibody; BAG 3; BAG family molecular chaperone regulator 3; BAG-3; Bag3; BAG3_HUMAN; Bcl 2 binding protein; Bcl-2-associated athanogene 3; Bcl-2-binding protein Bis; BCL2 associated athanogene 3; BCL2 binding athanogene 3; BIS; CAIR 1; Docking protein CAIR 1; Docking protein CAIR-1; MFM6; anti-BAG3 antibody

PRODUCT SPECIFICATIONS

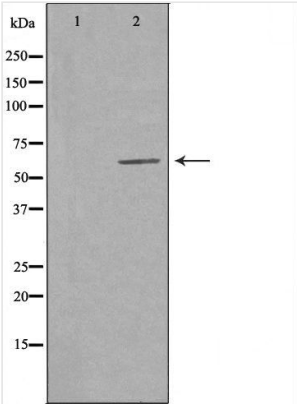
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BAG3 antibody detects endogenous levels of total BAG3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	575
Applicable Applications for anti-BAG3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using BAG3 Antibody.



IHC (Immunohistochemistry)
AAA325397 at 1/100 staining Mouse brain 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 293 cells, using BAG3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BAG3 antibody	Function: Co-chaperone for HSP70 and HSC70 chaperone proteins. Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from the HSP70 and HSC70 proteins thereby triggering client/substrate protein release. Nucleotide release is mediated via its binding to the nucleotide-binding domain (NBD) of HSPA8/HSC70 where as the substrate release is mediated via its binding to the substrate-binding domain (SBD) of HSPA8/HSC70 (PubMed:9873016, PubMed:27474739). Has anti-apoptotic activity (PubMed:10597216). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:26159920). Subunit Structure: Binds to the ATPase domain of HSP70/HSC70 chaperones (PubMed:9873016). Interacts with BCL2 (PubMed:10597216). Interacts with phospholipase C-gamma proteins (PubMed:10980614). Interacts with DNAJB6 (PubMed:22366786). Interacts (via BAG domain) with HSF1; this interaction occurs in normal and heat-shocked cells promoting HSF1 nucleocytoplasmic shuttling (PubMed:26159920). Interacts with HSPA8 (via NBD) (PubMed:27474739, PubMed:24318877). Interacts with HSPA1A (via NBD) and HSPA1B (via NBD) (PubMed:24318877). Interacts (via WW domain 1) with SYNPO2 (via PPPY motif) (PubMed:23434281). Interacts with HSPB8 (PubMed:28144995).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14043024
NCBI GeneID	9531
NCBI Accession #	NP_004272.2
NCBI GenBank Nucleotide #	NM_004281.3
UniProt Accession #	O95817; Q3B763; Q9NT20; Q9P120; A8K5L8

Molecular Weight	Observed: 62 kD Predicted: 62 kDa
NCBI Official Full Name	BAG family molecular chaperone regulator 3
NCBI Official Synonym Full Names	BCL2 associated athanogene 3
NCBI Official Symbol	BAG3
NCBI Official Synonym Symbols	BIS; MFM6; BAG-3; CAIR-1
NCBI Protein Information	BAG family molecular chaperone regulator 3
UniProt Protein Name	BAG family molecular chaperone regulator 3
UniProt Gene Name	BAG3
UniProt Synonym Gene Names	BIS; BAG-3

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/bag3-antibody-immunohistochemistry-western-blot-elisa/325397>