

Anti-Bag-3 antibody



Description	Rabbit polyclonal to Bag-3.
Model	STJ91805
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Bag-3
Immunogen Region	380-460 aa, Internal
Gene ID	9531
Gene Symbol	BAG3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	Bag-3 Polyclonal Antibody detects endogenous levels of Bag-3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	BAG family molecular chaperone regulator 3 BAG-3 Bcl-2-associated athanogene 3 Bcl-2-binding protein Bis Docking protein CAIR-1
Molecular Weight	80 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:939OMIM:603883
Alternative Names	BAG family molecular chaperone regulator 3 BAG-3 Bcl-2-associated athanogene 3 Bcl-2-binding protein Bis Docking protein CAIR-1
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 . Has anti-apoptotic activity . Plays a role in the HSF1 nucleocytoplasmic transport .
Cellular Localization	Nucleus Cytoplasm. Colocalizes with HSF1 to the nucleus upon heat stress .

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