

RecomAb™

BAG3 recombinant monoclonal antibody, clone R01-3A1

Catalog # RAB06412 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BAG3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human BAG3.
Theoretical MW (kDa)	Calculated MW: 62 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunoprecipitation

Gene Info — BAG3

Entrez GeneID	9531
Protein Accession#	O95817
Gene Name	BAG3
Gene Alias	BAG-3, BIS, CAIR-1, MGC104307
Gene Description	BCL2-associated athanogene 3
Omim ID	603883
Gene Ontology	Hyperlink
Gene Summary	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq]
Other Designations	BAG-family molecular chaperone regulator-3 BCL2-binding athanogene 3 Bcl-2-binding protein OTTHUMP00000020599 docking protein CAIR-1

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)

- [Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)