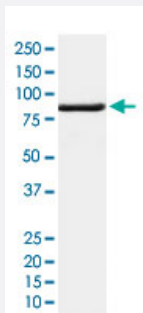


BAG3 monoclonal antibody, clone ACBO-2

Catalog # MAB22102 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human BAG3.
Immunogen	A synthetic peptide corresponding to human BAG3.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human BAG3, in native form and recombinant. Superfamily members of BAG3 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunoprecipitation (1:50) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 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 (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- 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](#)
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