

Product datasheet

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ARG43676 anti-BAG3 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes BAG3

Tested Reactivity Hu

Tested Application IHC-P, IP, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name BAG3

Species Human

Immunogen Synthetic peptide corresponding to Human BAG3.

Conjugation Un-conjugated

Alternate Names BAG-3; BIS; CAIR-1; Bcl-2-binding protein Bis; BAG family molecular chaperone regulator 3; MFM6;

Docking protein CAIR-1; Bcl-2-associated athanogene 3

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	IP	1:10 - 1:25
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	~ 80 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Concentration Batch dependent

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol BAG3

Gene Full Name BCL2-associated athanogene 3

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, Jul 2008]

Function Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic

activity. [UniProt]

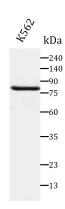
Calculated Mw 62 kDa

PTM Acetylation; Isopeptide bond; Methylation; Phosphoprotein; Ubl conjugation

Cellular Localization Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress (PubMed:26159920).

[UniProt]

Images



ARG43676 anti-BAG3 antibody WB image

Western blot: K562 cell lysates stained with ARG43676 anti-BAG3 antibody at 1:1000 dilution.