

BAG3

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 62kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human BAG3

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BIS; MFM6; BAG-3; CAIR-1;

Catalog #: A7417

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9531

Isotype: IgG

Swiss Prot: O95817

Purity: Affinity purification

For research use only.

Background:

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.

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