

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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