

Bag3 Rabbit mAb

Catalog No: #49578

Package Size: #49578-1 50ul #49578-2 100ul



SAB[®]
Signalway Antibody

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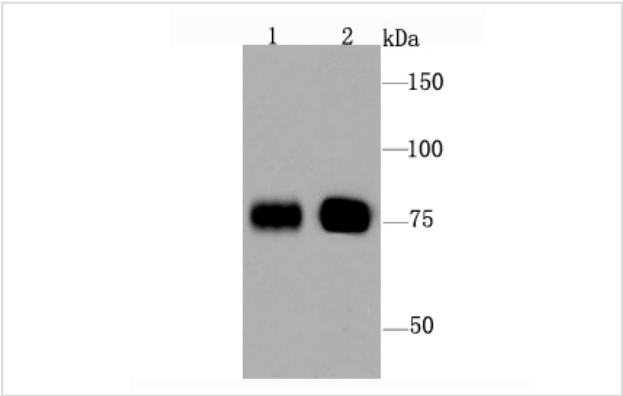
Description

Product Name	Bag3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JA90-53
Purification	ProA affinity purified
Applications	WB, IHC, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	BAG 3 antibody BAG family molecular chaperone regulator 3 antibody BAG-3 antibody Bag3 antibody BAG3_HUMAN antibody Bcl 2 binding protein antibody Bcl-2-associated athanogene 3 antibody Bcl-2-binding protein Bis antibody BCL2 associated athanogene 3 antibody BCL2 binding athanogene 3 antibody BIS antibody CAIR 1 antibody Docking protein CAIR 1 antibody Docking protein CAIR-1 antibody MFM6 antibody
Accession No.	Swiss-Prot#:O95817
Calculated MW	75 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

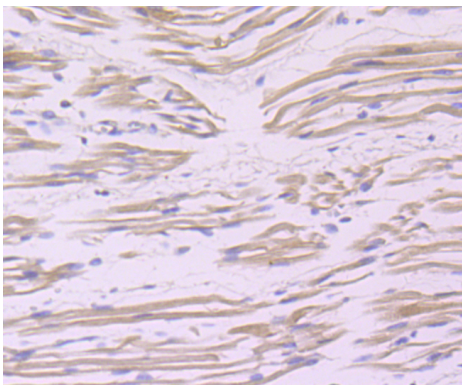
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

Images



Western blot analysis of Bag3 on Hela (1) and MCF-7 (2) cell using anti-Bag3 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-Bag3 antibody. Counter stained with hematoxylin.

Background

The Bag family of proteins are characterized by the presence of a 45 amino acid Bag domain through which they bind with high affinity to the ATPase domain of HSP 70, thereby negatively regulating HSP 70 chaperone activity. Bag-3 (Bcl-2-associated athanogene 3), also known as BIS or CAIR-1, is a 575 amino acid protein that contains one C-terminal Bag domain and two N-terminal WW domains. Like other members of the Bag family, Bag-3 functions to inhibit the chaperone activity of HSP 70, specifically by promoting the release of HSP 70-bound substrates. Additionally, Bag-3 exhibits anti-apoptotic activity via cell cycle control, suggesting a possible role for Bag-3 in tumor progression. The gene encoding Bag-3 maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.