

BAG3 Rabbit mAb

Catalog No: #52172

Package Size: #52172-1 50ul #52172-2 100ul

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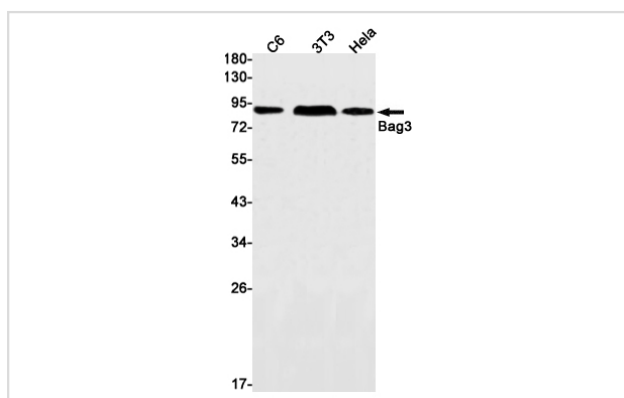
Description

Product Name	BAG3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-3F1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human Bag3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BIS; MFM6; BAG-3; CAIR-1
Accession No.	Swiss-Prot:O95817GenelD:9531
Uniprot	O95817
GenelD	9531
Calculated MW	Calculated MW: 62 kDa; Observed MW: 80 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Bag3 in C6,3T3,HeLa cell lysates using Bag3 Rabbit mAb(1:1000 diluted).Predicted band size:62kDa.Observed band size:80kDa.

Background

Swiss-Prot Acc.O95817.Co-chaperone for HSP70 and HSC70 chaperone proteins. Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from the HSP70 and HSC70 proteins thereby triggering client/substrate protein release. Nucleotide release is mediated via its binding to the nucleotide-binding domain (NBD) of HSPA8/HSC70 where as the substrate release is mediated via its binding to the substrate-binding domain (SBD) of HSPA8/HSC70 (PubMed:9873016, PubMed:27474739). Has anti-apoptotic activity (PubMed:10597216). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:26159920).

Note: This product is for in vitro research use only