
Product Name: KD-Validated BAG Cochaperone 6 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01448**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 119.4kDa

Antigen Information

Gene Name	BAG6
Alternative Names	BAG6; BAG Cochaperone 6; G3; D6S52E; Scythe; BAT3; BAG Family Molecular Chaperone Regulator 6; Large Proline-Rich Protein BAG6; HLA-B-Associated Transcript 3; BCL2 Associated Athanogene 6; Protein Scyth; Protein G3; BAG-6; Large Proline-Rich Protein BAT3; HLA-B Associated Transcript 3; BCL2-Associated Athanogene 6
Gene ID	7917.0
SwissProt ID	P46379
Immunogen	A synthesized peptide derived from human BAT3

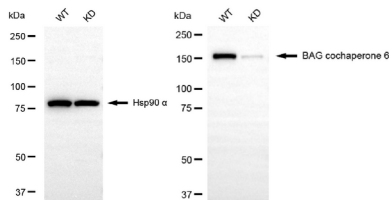
Background

This gene was first characterized as part of a cluster of genes located within the human major histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

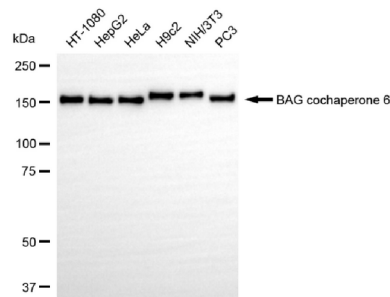
Research Area

Cell Biology,Cancer

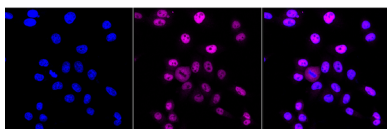
Image Data



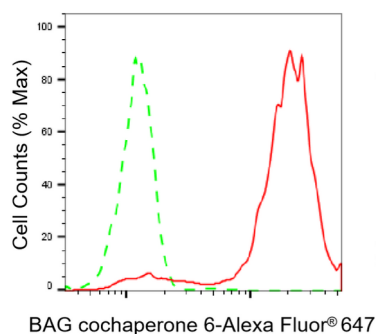
Western blotting analysis using BAG cochaperone 6 antibody (KVA01448). BAG cochaperone 6 expression in wild type (WT) and BAG cochaperone 6 (BAG6) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with BAG cochaperone 6 antibody (KVA01448, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using BAG cochaperone 6 antibody (KVA01448). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BAG cochaperone 6 antibody (KVA01448, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with BAG cochaperone 6 antibody (KVA01448, 1:1,000). Nuclei were stained blue with DAPI; BAG cochaperone 6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of BAG cochaperone 6 expression in HepG2 cells using BAG cochaperone 6 antibody (KVA01448, 1:2,000). Green, isotype control; red, BAG cochaperone 6.