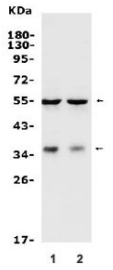
BAG-1 Antibody (RQ5705)

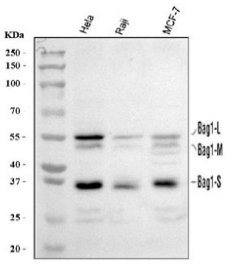
Catalog No.	Formulation	Size
RQ5705	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q99933
Applications	Western blot: 0.5-1ug/ml
Limitations	This BAG-1 antibody is available for research use only.



Western blot testing of human 1) HepG2 and 2) A549 cell lysate with BAG-1 antibody. Predicted molecular weight ~50 kDa (long form), 29-33 (short form).



Western blot testing of human 1) HeLa, 2) Raji and 3) MCF7 cell lysate with BAG-1 antibody. Predicted molecular weight ~50 kDa (long form), 29-33 (short form).

Description

BAG family molecular chaperone regulator 1 (BAG1) is a protein that in humans is encoded by the BAG1 gene. Human BAG1 is mapped to chromosome 9p12, a region associated with hereditary disorders that may involve developmental dysregulation of programmed cell death. The Bag1 protein is rich in glutamic acid residues. Its deduced 274-amino acid protein has a calculated molecular mass of 31 KD. Being the BCL-2-associated athanogene, Bag1 enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms.

Application Notes

Optimal dilution of the BAG-1 antibody should be determined by the researcher.

Immunogen

Amino acids LVKKVQAFLAECDTVEQNICQETERLQSTNFALAE from the human protein were used as the immunogen for the BAG-1 antibody.

Storage

After reconstitution, the BAG-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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