

BAG1 Rabbit pAb

Catalog No.: A1104

Basic Information

Observed MW

43kDa

Calculated MW

39kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:20 - 1:100

Immunogen Information

Gene ID

573

Swiss Prot

Q99933

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human BAG1 (NP_001165886.1).

Synonyms

HAP; BAG-1; RAP46; BAG1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

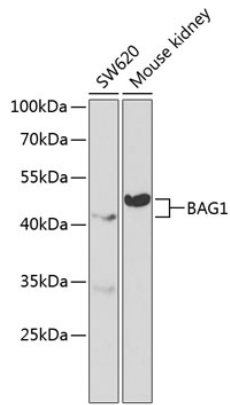
Affinity purification

Storage

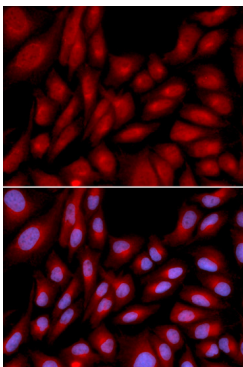
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using BAG1 antibody (A1104) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using BAG1 antibody (A1104). Blue: DAPI for nuclear staining.