

BAG5 polyclonal antibody

Catalog: BS61560

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Bag-5 (Bcl-2-associated athanogene 5), also known as Bag family molecular chaperone regulator 5, is a member of the Bag family of proteins and contains four Bag domains. Via their Bag domain, Bag proteins bind with high affinity to the HSC 70/HSP 70 ATPase domain, regulating chaperone activity and apoptosis. Bag-5 is a component of the HSP 70/Parkin complex and acts to inhibit Parkin E3 ubiquitin ligase activity and HSP 70 chaperone activity. In this complex, Bag-5 directly interacts with the ATPase domain of HSP 70 and the N-terminal linker region of Parkin. Bag-5 expression is induced upon dopaminergic neuron injury and functions to sensitize the neurons to injury-induced cell death. In addition, Bag-5 may be a useful target in therapies for neurodegenerative diseases such as Parkinson's disease which is caused by a mutation in the gene encoding Parkin.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 51 kDa

Swiss-Prot:

Q9UL15

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)

Applications:

WB: 1:500~1:1000

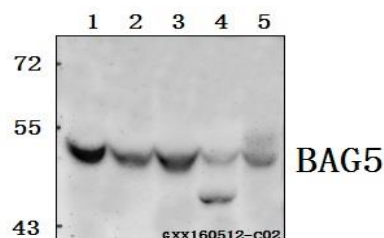
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

BAG5 polyclonal antibody detects endogenous levels of BAG5 protein.

DATA:



Western blot (WB) analysis of BAG5 polyclonal antibody at 1:500 dilution

Lane1: SK-OVCAR3 whole cell lysate (40ug)

Lane2: HCT116 whole cell lysate (40ug)

Lane3: L02 whole cell lysate (40ug)

Lane4: The Testis lysate of Mouse (40ug)

Lane5: The Testis lysate of Rat (40ug)

Note:

For research use only, not for use in diagnostic procedure.

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