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 injuryinduced 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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

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

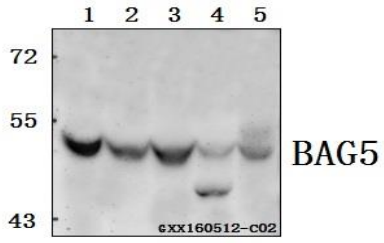
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ 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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