

Bag3 polyclonal antibody

Catalog: BS90117

Host: Rabbit

Reactivity: Human

BackGround:

The Bag family of proteins are characterized by the presence of a 45 amino acid Bag domain through which they bind with high affinity to the ATPase domain of HSP 70, thereby negatively regulating HSP 70 chaperone activity. Bag-3 (Bcl-2-associated athanogene 3), also known as BIS or CAIR-1, is a 575 amino acid protein that contains one C-terminal Bag domain and two N-terminal WW domains. Like other members of the Bag family, Bag-3 functions to inhibit the chaperone activity of HSP 70, specifically by promoting the release of HSP 70-bound substrates. Additionally, Bag-3 exhibits anti-apoptotic activity via cell cycle control, suggesting a possible role for Bag-3 in tumor progression. The gene encoding Bag-3 maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

Product:

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

Molecular Weight:

75 kDa

Swiss-Prot:

O95817(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

IHC:1:50-1:200

Storage&Stability:

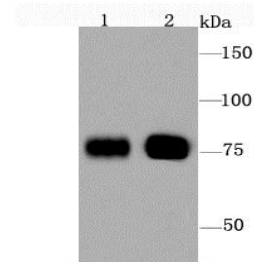
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

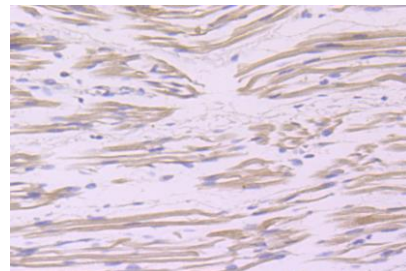
Specificity:

Bag3 polyclonal antibody detects endogenous levels of Bag3 protein.

DATA:



Western blot analysis of Bag3 on HeLa (1) and MCF-7 (2) cell using anti-Bag3 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-Bag3 antibody. Counter stained with hematoxylin.

Note:

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

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