

BIN1 monoclonal antibody

Catalog: MB10624

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact with dynamin, synaptojanin, endophilin, and clathrin. Isoforms that are expressed in muscle and ubiquitously expressed isoforms localize to the cytoplasm and nucleus and activate a caspase-independent apoptotic process. Studies in mouse suggest that this gene plays an important role in cardiac muscle development. Alternate splicing of the gene results in ten transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 65 kDa; Observed MW: 45-80 kDa

Swiss-Prot:

O00499

Purification&Purity:

Affinity Purified

Applications:

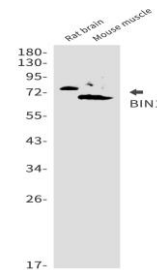
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

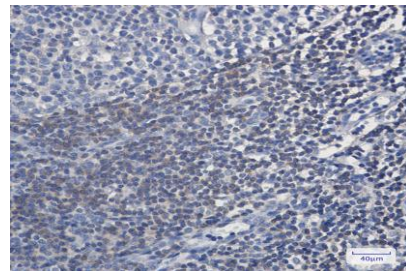
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunocytochemistry analysis of BIN1 in U87-MG using BIN1 antibody, and DAPI.



Western blot analysis of BIN1 in rat brain, mouse muscle lysates using BIN1 antibody.

Western blot analysis of BIN1 in rat Brain lysates using BIN1 antibody
Immunohistochemistry analysis of paraffin-embedded Human tonsil using BIN1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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