

Product Name: BIN1 Rabbit Monoclonal Antibody
Catalog #: AMRe85351



Summary

Production Name	BIN1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	BIN1
Alternative Names	BIN1; AMPHL; Myc box-dependent-interacting protein 1; Amphiphysin II; Amphiphysin-like protein; Box-dependent myc-interacting protein 1; Bridging integrator 1
Gene ID	274.0
SwissProt ID	O00499.Recombinant protein of human BIN1

Application

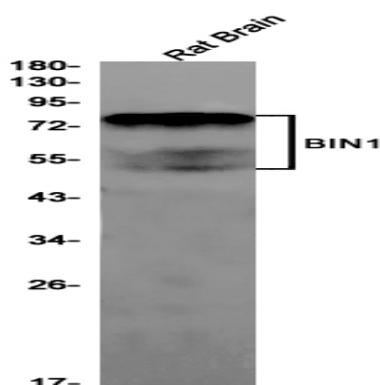
Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 45-80 kDa

Background

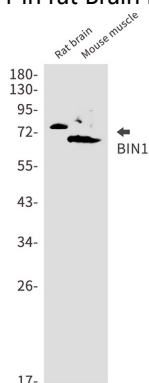
This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact 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.

Research Area

Image Data

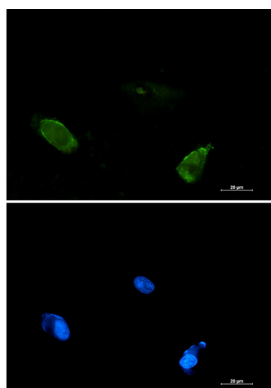


Western blot analysis of BIN1 in rat Brain lysates using BIN1 antibody

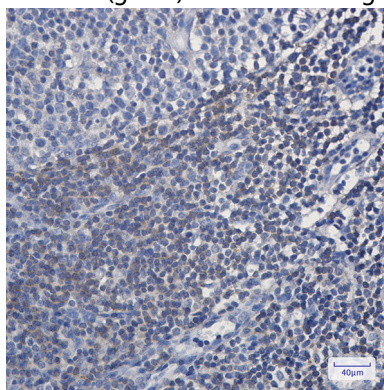


Western blot analysis of BIN1 in rat brain, mouse muscle lysates using BIN1 antibody.

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Immunocytochemistry analysis of BIN1 (green) in U87-MG using BIN1 antibody, and DAPI (blue).



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.