

RecomAb™

BIN1 recombinant monoclonal antibody, clone R04-8D7

Catalog # RAB06016 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BIN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human BIN1.
Theoretical MW (kDa)	Calculated MW: 65 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) Immunohistochemistry (1/50-1/100) Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — BIN1

Entrez GeneID [274](#)

Protein Accession# [O00499](#)

Gene Name BIN1

Gene Alias AMPH2, AMPHL, DKFZp547F068, MGC10367, SH3P9

Gene Description bridging integrator 1

Omim ID [255200 601248](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, synaptotagmin, 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. [provided by RefSeq]

Other Designations OTTHUMP00000162179|OTTHUMP00000162183|amphiphysin II|amphiphysin-like|box dependent MYC interacting protein 1

Disease

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