

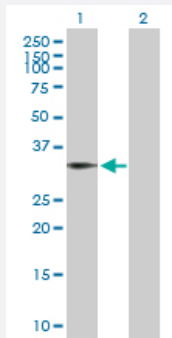
MaxPab®

BIN1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000274-D01P

Size 100 ug

Applications

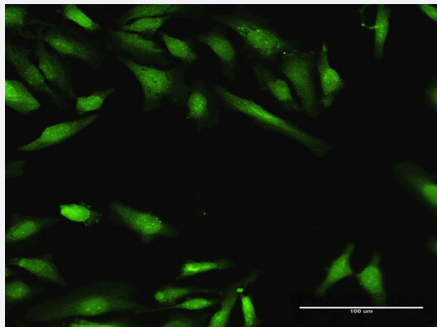


Western Blot (Transfected lysate)

Western Blot analysis of BIN1 expression in transfected 293T cell line ([H00000274-T02](#)) by BIN1 MaxPab polyclonal antibody.

Lane 1: BIN1 transfected lysate(53.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BIN1 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human BIN1 protein.

Immunogen

BIN1 (NP_647598.1, 1 a.a. ~ 482 a.a) full-length human protein.

Sequence

MAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGKADETKDEQFEQCVQNFNKQLTEGTRLQK
DLRTYLASVKAMHEASKKLNECLQEYEPDWPGRDEANKIAENNDLLWMDYHQKLVDQALLTM
DTYLGQFPDIKSRIAKRGRKLVYDSARHHYESLQTAKKKDEAKIAKEEELIKAQKVFEEMNVDL
QEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSNTFTVKAQPSD
NAPAKGNKSPSPPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQLRKGPVPPPPKHTPSK
EVKQEQLSLFEDTFVPEISVTTSPQAEASEVAGGTQPAAGAQEPGETAASEAASSSLPAVVVE
TFPATVNGTVEGGSGAGRLDLPFGFMFKVQAQHDYTATDTDELQLKAGDVVLVIPFQNPEEQDE
GWLGMVKESDWNQHKLEKCRGVFPENFTERVP

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — BIN1

Entrez GeneID	274
GeneBank Accession#	NM_139348
Protein Accession#	NP_647598.1
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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