

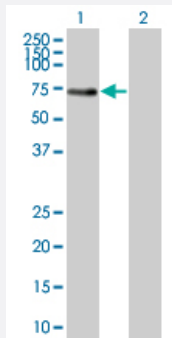
MaxPab®

BIN1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000274-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BIN1 expression in transfected 293T cell line ([H00000274-T01](#)) by BIN1 MaxPab polyclonal antibody.

Lane 1: BIN1 transfected lysate (53.02 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human BIN1 protein.
Immunogen	BIN1 (NP_647598, 1 a.a. ~ 482 a.a) full-length human protein.
Sequence	MAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGADETKDEQFEQCVQNFNKQLTEGTRLQKDLRTYLASVKAMHEASKKLNECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVDQALLTMDTYLGQFPDIKSRIAKRGRKLVDYDSARHHYESLQTAKKKDEAKIAKEEELIKAQKVFEEMNVDLQEELPSLWNSRVGFVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGHSNTFTVKAQPSDNAPAKGNKSPSPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQRKGPVPPPPKHTPSKEVKQEQLSLFEDTFVPEISVTTSPQPAEASEVAGGTQPAAGAQEPGETAASEAASSSLPAVVVE TFPATVNGTVEGGSGAGRLDPPGFMFKVQAQHDYTATDDELQLKAGDVVLVIPFQNPEEQDEGWLGMGVKESDWNQHKLEKCRGVFPENFTEVP
Host	Mouse
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.

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[Protocol Download](#)

Gene Info — BIN1

Entrez GeneID
[274](#)
GeneBank Accession#
[NM_139348](#)
Protein Accession#
[NP_647598](#)
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, 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. [provided by RefSeq]

Other Designations

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

Disease

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