

DNAxPAb

Hard-to-Find
Antibody

BIN1 DNAxPab

Catalog # H00000274-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BIN1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGADETKDEQFEQCVQNFNKQLTEGTRLQKDLRTYLASVKAMHEASKKLNECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVDQALLTMDTYLGQFPDIKSRIAKRGRKLVLDYDSARHHYESLQTAKKKDEAKIAKEEELIKAQKVFEEMNVDLQEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSNTFTVKAQPSDNAPAKGNKSPSPPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQLRKGPVPPPPKHTPSKEVKQEQLSLFEDTFVPEISVTPSQPAEASEVAGGTQPAAGAQPGETAASEAASSSLPAVVVETFPATVNGTVEGGSGAGRLDLPPGFMFKVQAQHDYTATDTDELQLKAGDVVLVIPFQNPEEQDEGWLMGVKESDWNQHKLEKCRGVFPENFTERVP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (73)
Purification	Protein A
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — BIN1

Entrez GeneID [274](#)

GeneBank Accession# [NM_139348.1](#)

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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