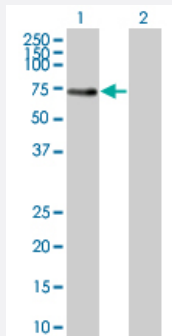


BIN1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000274-T01

Size 100 uL

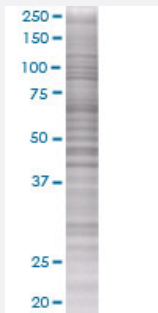
Applications



Western Blot

Lane 1: BIN1 transfected lysate (53 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

BIN1 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-BIN1 full-length
Host	Human
Theoretical MW (kDa)	53.13
Interspecies Antigen Sequence	Mouse (88); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-BIN1 antibody ([H00000274-B01](#)) by Western Blots.

Western Blot

Lane 1: BIN1 transfected lysate (53 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

BIN1 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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, 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 dependant MYC interacting protein 1

Disease

- [Alzheimer Disease](#)
- [Cerebral Hemorrhage](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Neuropsychological Tests](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)