

## BIN1 rabbit monoclonal antibody

Catalog # H00000274-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human BIN1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human BIN1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human BIN1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — BIN1

Entrez GeneID	<a href="#">274</a>
GeneBank Accession#	<a href="#">BIN1</a>
Gene Name	BIN1
Gene Alias	AMPH2, AMPHL, DKFZp547F068, MGC10367, SH3P9
Gene Description	bridging integrator 1
Omim ID	<a href="#">255200 601248</a>
Gene Ontology	<a href="#">Hyperlink</a>
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

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

- [Stroke](#)
- [Subarachnoid Hemorrhage](#)