





# Amphiphysin II Monoclonal Antibody

Catalog No	YP-mAb-00766
Isotype	IgG
Reactivity	Mouse;Rat
Applications	WB
Gene Name	BIN1
Protein Name	Myc box-dependent-interacting protein 1
Immunogen	Synthesized peptide derived from the C-terminal region of human Amphiphysin II.
Specificity	Amphiphysin II Monoclonal Antibody detects endogenous levels of Amphiphysin II protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Purity Storage Stability	≥90% -20°C/1 year
-	
Storage Stability	-20°C/1 year  BIN1; AMPHL; Myc box-dependent-interacting protein 1; Amphiphysin II;  Amphiphysin-like protein; Box-dependent myc-interacting protein 1; Bridging
Storage Stability Synonyms	-20°C/1 year BIN1; AMPHL; Myc box-dependent-interacting protein 1; Amphiphysin II; Amphiphysin-like protein; Box-dependent myc-interacting protein 1; Bridging integrator 1
Storage Stability Synonyms Observed Band	-20°C/1 year  BIN1; AMPHL; Myc box-dependent-interacting protein 1; Amphiphysin II; Amphiphysin-like protein; Box-dependent myc-interacting protein 1; Bridging integrator 1  64kD  [Isoform BIN1]: Nucleus . Cytoplasm . Endosome . Cell membrane, sarcolemma,



### UpingBio technology Co.,Ltd



the central nuclei, and predominance and hypotrophy of type 1 fibers., function: May be involved in regulation of synaptic vesicle end

#### **Background**

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 several transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described. [provided by RefSeq, Mar 2016],

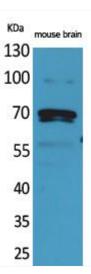
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Amphiphysin II Monoclonal Antibody