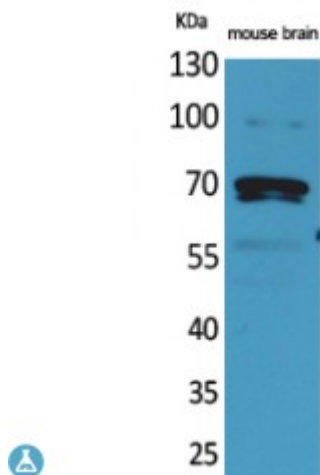


Anti-Amphiphysin II antibody



Description	Rabbit polyclonal to Amphiphysin II.
Model	STJ96681
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Amphiphysin II.
Immunogen Region	540-590 aa, C-terminal
Gene ID	274
Gene Symbol	BIN1
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000
Specificity	Amphiphysin II Polyclonal Antibody detects endogenous levels of Amphiphysin II protein.
Tissue Specificity	Ubiquitous. Highest expression in the brain and muscle. Isoform IIA is expressed only in the brain where it is concentrated in axon initial segments and nodes of Ranvier. Isoform BIN1 is widely expressed with highest expression in skeletal muscle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myc box-dependent-interacting protein 1 Amphiphysin II Amphiphysin-like protein Box-dependent myc-interacting protein 1 Bridging integrator 1

Molecular Weight	65 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1052OMIM:255200
Alternative Names	Myc box-dependent-interacting protein 1 Amphiphysin II Amphiphysin-like protein Box-dependent myc-interacting protein 1 Bridging integrator 1
Function	May be involved in regulation of synaptic vesicle endocytosis. May act as a tumor suppressor and inhibits malignant cell transformation.
Cellular Localization	Isoform BIN1: Nucleus.. Isoform IIA: Cytoplasm.
Post-translational Modifications	Phosphorylated by protein kinase C.

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