Rabbit Amphiphysin II Polyclonal Antibody | anti-BIN1 antibody

Amphiphysin II Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29230	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

Amphiphysin II; Polyclonal Antibody; Amphiphysin II Polyclonal Antibody; BIN1; AMPHL; Myc box-dependent-interacting protein 1; Amphiphysin-like protein; Box-dependent myc-interacting protein 1; Bridging integrator 1; anti-BIN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-BIN1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohistochemistry)
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

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IHC (Immunohistochemistry)
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IHC (Immunohistochemistry-Paraffin)
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

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Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

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ADDITIONAL INFORMATION

Related Product Information for anti-BIN1 antibody	Is a key player in the control of plasma membrane curvature, membrane shaping and membrane remodeling. Required in muscle cells for the formation of T-tubules, tubular invaginations of the plasma membrane that function in depolarization-contraction coupling (PubMed:24755653). Is a negative regulator of endocytosis (By similarity). Is also involved in the regulation of intracellular vesicles sorting, modulation of BACE1 trafficking and the control of amyloid-beta production (PubMed:27179792). In neuronal circuits, endocytosis regulation may influence the internalization of PHF-tau aggregates (By similarity). May be involved in the regulation of MYC activity and the control cell proliferation (PubMed:8782822). Has actin bundling activity and stabilizes actin filaments against depolymerization in vitro (PubMed:28893863).

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916535
NCBI GeneID	274
UniProt Accession #	O00499; O00297; O00545; O43867; O60552; O60553; O60554; O60555; O75514; O75515; O75516; O75517
Molecular Weight	593
NCBI Official Full Name	Myc box-dependent-interacting protein 1
NCBI Official Synonym Full Names	bridging integrator 1
NCBI Official Symbol	BIN1
NCBI Official Synonym Symbols	AMPH2; AMPHL; SH3P9
NCBI Protein Information	myc box-dependent-interacting protein 1; amphiphysin II; amphiphysin-like protein; box dependant MYC interacting protein 1; box-dependent myc-interacting protein 1
UniProt Protein Name	Myc box-dependent-interacting protein 1
UniProt Gene Name	**BIN1**
UniProt Synonym Gene Names	AMPHL
UniProt Entry Name	BIN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/amphiphysin-ii-antibody-western-blot-immunohistochemistry-elisa/29230