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Datasheet for ABIN1678863 anti-BIN1 antibody (AA 230-409)

5 Images



Overview

Quantity:	100 µg
Target:	BIN1
Binding Specificity:	AA 230-409
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 230-409 of human BIN1 (NP_647601.1).
Sequence:	QNLNDVLVGL EKQHGSNTFT VKAQPSDNAP AKGNKSPSPP DGSPAATPEI RVNHEPEPAG GATPGATLPK SPSQSSLPAV VVETFPATVN GTVEGGSGAG RLDLPPGFMF KVQAQHDYTA TDTDELQLKA GDVVLVIPFQ NPEEQDEGWL MGVKESDWNQ HKELEKCRGV FPENFTERVP
lsotype:	lgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

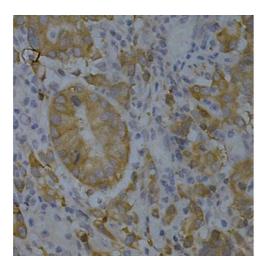
Target:	BIN1
Alternative Name:	BIN1 (BIN1 Products)
Background:	This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system 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.,BIN1,AMPH2,AMPHL,SH3P9,Epigenetics & Nuclear Signaling,Cancer,Tumor suppressors,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,BIN1
Molecular Weight:	45-64 kDa
Gene ID:	274
UniProt:	000499
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:20 - 1:50
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

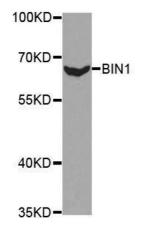
-20 °C

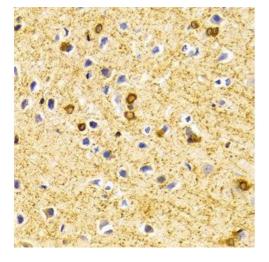
Storage:

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SW620





Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using BIN1 Antibody (ABIN3022553, ABIN3022554, ABIN1678863 and ABIN6218901) at dilution of 1:200 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of SW620 cell line, using BIN1 antibody.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using BIN1 antibody at dilution of 1:100 (x400 lens).

Please check the product details page for more images. Overall 5 images are available for ABIN1678863.

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