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## Product Information

<b>Product SKU:</b>	CAB1792	<b>Gene ID:</b>	274	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

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## Additional Information

<b>Observed MW:</b>	65kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	65kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:20 - 1:50
<b>Synonyms:</b>	CNM2; AMPH2; AMPHL; SH3P9; BIN1
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 230-409 of human BIN1 (NP_647601.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.