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Product datasheet for AM20586PU-N

BIN1 Mouse Monoclonal Antibody [Clone ID: BN-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BN-1
Applications:	IHC, WB
Recommended Dilution:	**Western blot:** Use at 0.25 µg/ml with the appropriate system to detect BIN1 in cells and tissues. **Immunohistochemistry on Frozen Sections:** Use at 0.5 µg/ml to detect BIN1 in Formalin/Acetone fixed tissues. **Immunocytochemistry.**
Reactivity:	Chicken, Human, Mouse, Porcine, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant polypeptide containing amino acids 189-398 of Human Bin1.
Specificity:	Recognizes BIN1. No cross reactivity with other proteins.
Formulation:	1.2% Sodium Acetate containing 2mg BSA and 0.01 mg Sodium Azide as preservative. State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 1.2% Sodium Acetate or neutral PBS.
Concentration:	0.1 mg/ml (after reconstitution with 1 ml PBS).
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	bridging integrator 1
Database Link:	Entrez Gene 274 Human O00499

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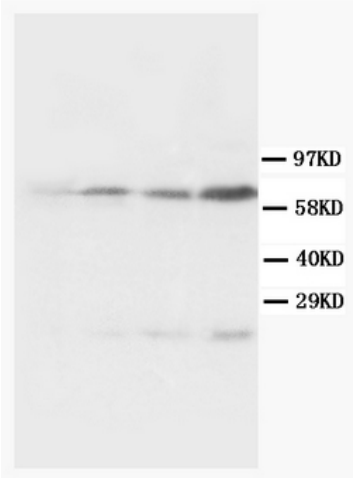
Background: BIN1 (AMPH2) is a novel human gene product with features of a tumor suppressor protein. BIN1 gene to chromosome 2q14. Loss of BIN1 expression appears to be a frequent aberration in human hepatocellular carcinomas . mutations in BIN1 cause centronuclear myopathy by interfering with remodeling of T tubules and/or endocytic membranes, and that the functional interaction between BIN1 and DNM2 is necessary for normal muscle function and positioning of nuclei.

Synonyms: Bridging integrator 1, Amphiphysin-like protein, Amphiphysin II

Product images:



Lane 1: Rat Brain Tissue Lysate. Lane 2: Rat Skeletal Muscle Tissue Lysate. Lane 3: Rat Heart Tissue Lysate. Lane 4: Rat Kidney Tissue Lysate.