

Mouse LIN7B Monoclonal Antibody | anti-LIN7B antibody

LIN7B antibody

CATALOG # AAA107115	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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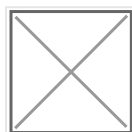
PRODUCT SYNONYMS

LIN7B; Monoclonal Antibody; LIN7B antibody; Monoclonal LIN7B; Anti-LIN7B; Lin7 homolog B; VELI2; MALS-2; Mammalian lin-seven protein 2; LINB 7; LINB-7; anti-LIN7B antibody

PRODUCT SPECIFICATIONS

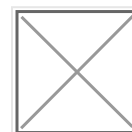
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1D12
Purity/Purification	LIN7B antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-LIN7B antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	LIN7B plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. it forms membrane-associated multiprotein complexes that may regulate delivery and recycling of proteins to the correct membrane domains. The tripartite complex composed of LIN7 (LIN7A, LIN7B or LIN7C), CASK and APBA1 may have the potential to couple synaptic vesicle exocytosis to cell adhesion in brain. Ensure the proper localization of GRIN2B (subunit 2B of the NMDA receptor) to neuronal postsynaptic density and may function in localizing synaptic vesicles at synapses where it is recruited by beta-catenin and cadherin.
Cross-Reactivity	Human
Immunogen	LIN7B antibody was raised in mouse using a full length recombinant protein of human LIN7B (NP_071448) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant LIN7B protein using LIN7B antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LIN7B protein (Right) or empty vector (Left) detected with LIN7B antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LIN7B antibody	Mouse monoclonal LIN7B antibody
Product Categories/Family for anti-LIN7B antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545920
NCBI GeneID	64130
NCBI Accession #	NP_071448
NCBI GenBank Nucleotide #	NM_022165.2
UniProt Accession #	Q9HAP6
Molecular Weight	15,620 Da
NCBI Official Full Name	protein lin-7 homolog B isoform 1
NCBI Official Synonym Full Names	lin-7 homolog B (C. elegans)
NCBI Official Symbol	LIN7B
NCBI Official Synonym Symbols	MALS2; VELI2; LIN-7B; MALS-2
NCBI Protein Information	protein lin-7 homolog B
UniProt Protein Name	Protein lin-7 homolog B
UniProt Gene Name	LIN7B
UniProt Synonym Gene Names	MALS2; VELI2; Lin-7B; hLin7B; MALS-2; Veli-2; hVeli2
UniProt Entry Name	LIN7B_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/monoclonal/lin7b-antibody-clone-1d12-western-blot-immunofluorescence-flow-cytometry-elisa/107115>