

Rabbit LIN7B Polyclonal Antibody | anti-LIN7B antibody

LIN7B Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289295	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

LIN7B; Polyclonal Antibody; LIN7B Antibody (N-term); Protein lin-7 homolog B; Lin-7B; hLin7B; Mammalian lin-seven protein 2; MALS-2; Vertebrate lin-7 homolog 2; Veli-2; hVeli2; MALS2; VELI2; anti-LIN7B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LIN7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-62 amino acids from the N-terminal region of human LIN7B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	35-62
Sequence Length	207
Applicable Applications for anti-LIN7B antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

LIN7B Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the LIN7B antibody detected the LIN7B protein (arrow).



WB (Western Blot)

LIN7B Antibody (N-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the LIN7B antibody detected the LIN7B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LIN7B antibody	Plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. 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. Ensures 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. Required to localize Kir2 channels, GABA transporter (SLC6A12) and EGFR/ERBB1, ERBB2, ERBB3 and ERBB4 to the basolateral membrane of epithelial cells. May increase the amplitude of ACCN3 acid-evoked currents by stabilizing the channel at the cell surface (By similarity).
Product Categories/Family for anti-LIN7B antibody	Cell Biology; Signal transduction
References	Zucker, B., et al. J. Neuropathol. Exp. Neurol. 69(9):880-895(2010) Lanktree, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (6), 945-951 (2008) : Sudo, K., et al. Neurosci. Res. 56(4):347-355(2006) Li, Z., et al. J. Biol. Chem. 281(16):11066-11073(2006) Kawai, S., et al. J. Biol. Chem. 280(47):39200-39207(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545920
NCBI GeneID	64130
NCBI Accession #	NP_071448.1
NCBI GenBank Nucleotide #	NM_022165.2
UniProt Accession #	Q9HAP6
Molecular Weight	22896
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/polyclonal/lin7b-antibody-western-blot-elisa/289295>