



LIN7A Polyclonal Antibody

Catalog No	YP-Ab-05694
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	LIN7A MALS1 VELI1
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	LIN7A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hLin 7;lin 7 homolog A (C. elegans);LIN 7A;LIN7;LIN7A;MALS 1;MALS1;Mammalian lin seven protein 1;Protein lin 7 homolog A;Tax interaction protein 33;TIP 33;Veli 1;VELI1;Vertebrate lin 7 homolog 1;LIN7A MALS1 VELI1;Protein lin-7 homolog A (Lin-7A) (hLin-7) (Mammalian lin-seven protein 1) (MALS-1) (Tax interaction protein 33) (TIP-33) (Vertebrate lin-7 homolog 1) (Veli-1)
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Basolateral cell membrane ; Peripheral membrane protein . Cell junction . Cell junction, synapse, postsynaptic density membrane ; Peripheral membrane protein . Cell junction, tight junction . Mainly basolateral in renal epithelial cells. .
Tissue Specificity	Expressed in brain, testis, kidney, placenta and liver.
Function	domain:The kinase interacting site is required for proper delivery of ERBB2 to the basolateral membrane.,domain:The L27 domain mediates interaction with CASK and is involved in the formation of multimeric complexes and the association of LIN7 to membranes.,domain:The PDZ domain regulates endocytosis and recycling of the receptor at the membrane.,function: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 postsynapt

Background

The protein encoded by this gene is involved in generating and maintaining the asymmetric distribution of channels and receptors at the cell membrane. The encoded protein also is required for the localization of some specific channels and can be part of a protein complex that couples synaptic vesicle exocytosis to cell adhesion in the brain. [provided by RefSeq, May 2016],

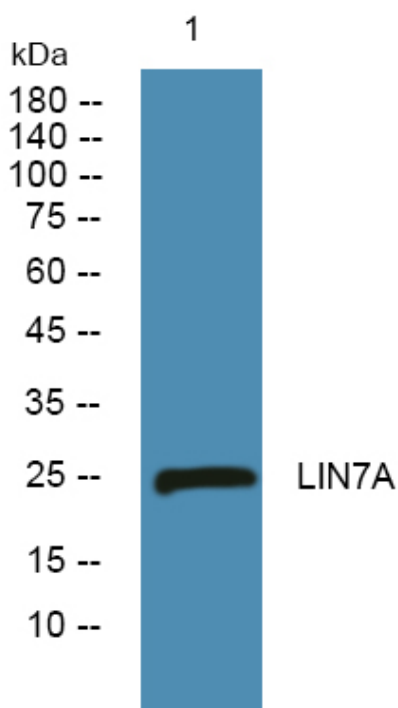
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night