

ARG63409 anti-LIN7B / MALS2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes LIN7B / MALS2
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	LIN7B / MALS2
Species	Human
Immunogen	AALVEPLGLERDVS-C
Conjugation	Un-conjugated
Alternate Names	Lin-7B; Mammalian lin-seven protein 2; hLin7B; hVeli2; MALS2; VELI2; Veli-2; MALS-2; LIN-7B; Vertebrate lin-7 homolog 2; Protein lin-7 homolog B

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 22342 Mouse GeneID: 60377 Rat Swiss-port # O88951 Mouse Swiss-port # Q9Z252 Rat
Gene Symbol	LIN7B
Gene Full Name	lin-7 homolog B (C. elegans)
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 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 ASIC3 acid-evoked currents by stabilizing the channel at the cell surface (By similarity). [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	23 kDa

Images



ARG63409 anti-LIN7B / MALS2 antibody WB image

Western blot: Rat Brain lysate (35 µg protein in RIPA buffer) stained with ARG63409 anti-LIN7B / MALS2 antibody at 0.5 µg/ml dilution.