

Goat anti-LIN7B / MALS-2 Antibody

Item Number	dAP-0286
Target Molecule	Principle Name: LIN7B / MALS-2; Official Symbol: LIN7B; All Names and Symbols: LIN7B; VELI2; LIN-7B; MALS-2; lin-7 homolog B (C. elegans); likely ortholog of mouse lin 7 homolog b (C. elegans); Lin-7b protein likely ortholog of mouse LIN-7B mammalian LIN-7 protein 2; MALS2; lin-7 homolog B; Accession Number (s): NP_071448.1; Human Gene ID(s): 64130; Non-Human GeneID(s): 22342 (mouse) 60377 (rat)
Immunogen	AALVEPLGLERDVS, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 25kDa band observed in Mouse and Rat Brain lysates (calculated MW of 22.9kDa according to Mouse NP_035828.1, Rat NP_068526.1 and Human NP_071448.1). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Jo K, Derin R, Li M, Bredt DS. Characterization of MALS/Velis-1, -2, and -3: a family of mammalian LIN-7 homologs enriched at brain synapses in association with the postsynaptic density-95/NMDA receptor postsynaptic complex. J Neurosci. 1999 Jun 1;19(11):4189-99..PMID: 10341223 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**