

## 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 GenelD(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 end users! This product is sold for **Research Use Only**