

Goat anti-PALS / MPP5 Antibody

Item Number	dAP-0503
Target Molecule	Principle Name: PALS / MPP5; Official Symbol: MPP5; All Names and Symbols: MPP5; PALS1; FLJ12615; membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5); stardust (Drosophila); MAGUK p55 subfamily member 5; membrane protein, palmitoylated 5; stardust; Accession Number (s): NP_071919.1; Human Gene ID(s): 64398; Non-Human GenelD(s):
Immunogen	NKASPPFPLISNAQ, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
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 75kDa band observed in Human Brain lysate (calculated MW of 77.3kDa according to NP_071919). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Kamberov E, Makarova O, Roh M, Liu A, Karnak D, Straight S, Margolis B. Molecular cloning and characterization of Pals, proteins associated with mLin-7. J Biol Chem. 2000 Apr 14;275(15):11425-31.. PMID: 10753959 ->

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**