

Goat anti-FRMPD1 Antibody

Item Number	dAP-1687
Target Molecule	Principle Name: FRMPD1; Official Symbol: FRMPD1; All Names and Symbols: FRMPD1; FERM and PDZ domain containing 1; FRMD2; KIAA0967; MGC138833; OTTHUMP00000021391; OTTHUMP00000046126; Accession Number (s): NP_055722.1; Human Gene ID(s): 22844; Non-Human GeneID(s):
Immunogen	PQPETEEEDRDLEAH, is from internal region
Applications	Pep ELISA Species Tested:
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 2000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum and Amygdala) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been
IHC	

Reference	Reference(s): An N, Blumer JB, Bernard ML, Lanier SM. The PDZ and band 4.1 containing protein Frmpd1 regulates the subcellular location of activator of G-protein signaling 3 and its interaction with G-proteins. J Biol Chem. 2008 Sep 5;283(36):24718-28. Epub 2008 Jun 19..PMID: 18566450->
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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**