

Goat anti-Plexin D1 Antibody

Item Number	dAP-0594
Target Molecule	Principle Name: Plexin D1; Official Symbol: PLXND1; All Names and Symbols: PLXND1; PLEXD1; KIAA0620; plexin D1; MGC75353; Accession Number (s): NP_055918.2; Human Gene ID(s): 23129; Non-Human GeneID(s):
Immunogen	LAEPKKSHRQSH, is from internal region
Applications	Pep ELISA, WB, IHC, FC Species Tested: Human, Mouse
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 128000.
Western Blot	Western Blot: A customer reported a 250kDa band in Human Arterial endothelial cells lysates at 0.5ug/ml.
IHC	Immunohistochemistry: A customer reported specific stain in Paraffin-embedded Mouse Brain after epitope retrieval in Citrate buffer pH6.
Reference	Reference(s): Gu C, Yoshida Y, Livet J, Reimert DV, Mann F, Merte J, Henderson CE, Jessell TM, Kolodkin AL, Ginty DD. Semaphorin 3E and plexin-D1 control vascular pattern independently of neuropilins. Science. 2005 Jan 14;307(5707):265-8. Epub 2004 Nov 18. .PMID: 15550623 ->

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**