



Goat anti-CADM4 (internal) Antibody

Item Number	dAP-1210
Target Molecule	Principle Name: CADM4 (internal); Official Symbol: CADM4; All Names and Symbols: CADM4; cell adhesion molecule 4; IGSF4C; Necl-4; TSLL2; synCAM4; TSLC1-like 2; immunoglobulin superfamily, member 4C; nectin-like 4; Accession Number (s): NP_660339.1; Human Gene ID(s): 199731; Non-Human GeneID (s): 260299 (mouse)
Immunogen	KDERFQLEEFs, is from internal region
Applications	Pep ELISA, WB, IHC 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 16000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 42.8kDa according to NP_660339.1). The observed molecular weight corresponds to findings with EB08194, a product of different design reacting to a different p
IHC	Immunohistochemistry: In paraffin embedded Human Thymus shows staining of adhesion sites between medullar cells. Recommended concentration, 2-5µg/ml.
Reference	Reference(s): Spiegel I, Adamsky K, Eshed Y, Milo R, Sabanay H, Sarig-Nadir O, Horresh I, Scherer SS, Rasband MN, Peles E. A central role for Necl4 (SynCAM4) in Schwann cell-axon interaction and myelination. Nat Neurosci. 2007 Jul;10(7):861-9. Epub 2007 Jun 3..PMID: 17558405 ->

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**