

Goat anti-DCDC2 Antibody

Item Number	dAP-0803
Target Molecule	Principle Name: DCDC2; Official Symbol: DCDC2; All Names and Symbols: DCDC2; doublecortin domain containing 2; HGNC:18141; KIAA1154; RU2; RU2S; DCDC2A; Accession Number (s): NP_057440.2; Human Gene ID(s): 51473; Non-Human GeneID(s):
Immunogen	DGEKANKDAEQKED, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, 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 4000.
Western Blot	Western Blot: Full length recombinant human DCDC2 expressed in COS7 (Lane A), non-transfectant COS7 (lane B). Approx 52kDa band observed (calculated MW of 52.8kDa according to NP_057440.1). Data kindly provided by Wang and LoTurco, University of Connecticut
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in select neurons. Recommended concentration, 5-10µg/ml. An anonymous customer found positive results in IHC on Rat retinal tissue. An anonymous customer found posi
Reference	Reference(s): Cope N, Harold D, Hill G, Moskvina V, Stevenson J, Holmans P, Owen MJ, O'Donovan MC, Williams J. Strong evidence that KIAA0319 on chromosome 6p is a susceptibility gene for developmental dyslexia. Am J Hum Genet. 2005 Apr;76(4):581-91. Epub 2005 Feb 16. .PMID: 15717286 ->

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**