

Goat anti-DISC1 Antibody

Item Number	dAP-1017
Target Molecule	Principle Name: DISC1; Official Symbol: DISC1; All Names and Symbols: DISC1; disrupted in schizophrenia 1 ; RP4-730B13.1; KIAA0457; Accession Number (s): NP_001012975.1; NP_061132.2; Human Gene ID(s): 27185; Non-Human GeneID(s):
Immunogen	HSEDKRKTKPLKYLE, is from internal region This antibody is expected to recognise isoforms L (NP_061132.2) and Lv (NP_001012975.1) only.
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 128000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 93.6kDa according to NP_001012975.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Millar JK, Pickard BS, Mackie S, James R, Christie S, Buchanan SR, Malloy MP, Chubb JE, Huston E, Baillie GS, Thomson PA, Hill EV, Brandon NJ, Rain JC, Camargo LM, Whiting PJ, Houslay MD, Blackwood DH, Muir WJ, Porteous DJ. DISC1 and PDE4B are interacting genetic factors in schizophrenia

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**