



Goat anti-Serotonin receptor 1B / HTR1B Antibody

Item Number	dAP-0883
Target Molecule	Principle Name: Serotonin receptor 1B / HTR1B; Official Symbol: HTR1B; All Names and Symbols: HTR1B; 5-hydroxytryptamine (serotonin) receptor 1B; 5-HT1B; 5-HT1DB; HTR1D2; HTR1DB; S12; Accession Number (s): NP_000854.1; Human Gene ID(s): 3351; Non-Human GeneID(s): 15551 (mouse) 25075 (rat)
Immunogen	SNEDFKQAFHK, is from C Terminus
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 8000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Brain lysates (calculated MW of 43.6kDa according to NP_000854.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Svenningsson P, Chergui K, Rachleff I, Flajolet M, Zhang X, El Yacoubi M, Vaugeois JM, Nomikos GG, Greengard P. Alterations in 5-HT1B receptor function by p11 in depression-like states. Science. 2006 Jan 6;311(5757):77-80. .PMID: 16400147 ->

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**