

Goat anti-Serotonin Receptor 3B / HTR3B Antibody

Item Number	dAP-1837
Target Molecule	Principle Name: Serotonin Receptor 3B / HTR3B; Official Symbol: HTR3B; All Names and Symbols: HTR3B; 5-hydroxytryptamine (serotonin) receptor 3B; 5-HT3B; 5-hydroxytryptamine 3 receptor B subunit; serotonin-gated ion channel subunit; Accession Number (s): NP_006019.1; Human Gene ID(s): 9177; Non-Human GenID(s):
Immunogen	SNYLQTQDQTDQQE, is from internal region (near 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 16000.
Western Blot	Western Blot: Approx 51kDa band observed in Human Brain (Cerebral Cortex, Hippocampus and Amygdala) lysates (calculated MW of 50.3kDa according to NP_006019.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Krzywkowski K, Davies PA, Feinberg-Zadek PL, Bräuner-Osborne H, Jensen AA, High-frequency HTR3B variant associated with major depression dramatically augments the signaling of the human 5-HT3AB receptor. Proceedings of the National Academy of Sciences of the United States of America

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 end users! This product is sold for **Research Use Only**