

Goat anti-HTR1A (aa249-262) Antibody

Item Number	dAP-2452
Target Molecule	Principle Name: HTR1A (aa249-262); Official Symbol: HTR1A; All Names and Symbols: HTR1A; 5-hydroxytryptamine (serotonin) receptor 1A; 5-HT1A; 5HT1a; ADRB2RL1; ADRBRL1; 5-HT-1A; 5-HT1a receptor; 5-hydroxytryptamine receptor 1A; G protein coupled receptor; G-21; OTTHUMP00000221821; guanine nucleotide-binding regulatory protein-coupled re; Accession Number (s): NP_000515.2; Human Gene ID(s): 3350; Non-Human GeneID(s):
Immunogen	QPKKSVNGESGRN, is from internal region
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave bands at approx 37kDa and 35kDa in Human Brain (Hippocampus, Substantia nigra) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands w
IHC	
Reference	Reference(s): Mekli K, Payton A, Miyajima F, Platt H, Thomas E, Downey D, Lloyd Williams K, Chase D, Toth ZG, Elliott R, Ollier WE, Anderson IM, Deakin JF, Bagdy G, Juhasz G. The HTR1A and HTR1B receptor genes influence stress-related information

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**