

Goat anti-5HT2A Receptor (aa296-309) Antibody

Item Number dAP-2715

Target Molecule Principle Name: 5HT2A Receptor (aa296-309); Official Symbol: HTR2A; All Names and Symbols: HTR2A; 5-hydroxytryptamine (serotonin) receptor 2A; 5-HT2A; HTR2; 5-HT-2; 5-HT-2A; 5-HT2 receptor; 5-hydroxytryptamine receptor 2A; OTTHUOMP0000018378; serotonin 5-HT-2A receptor; serotonin receptor 2A; Accession Number (s): NP_000612.1; NP_001159419.1; Human Gene ID(s): 3356; Non-Human Gene-ID(s):

Immunogen QRSIHREPGSYTGR, is from internal region
This antibody is expected to recognize both reported isoforms (NP_000612.1; NP_001159419.1).

Applications Pep ELISA, IHC

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: Preliminary experiments in Human Brain lysates of several regions gave no specific signal but low background (at antibody concentration up to 1µg/ml).

IHC Immunohistochemistry: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 2µg/ml.

Reference Reference(s): Ghadirivasfi M, Nohesara S, Ahmadkhaniha HR, Eskandari MR, Mostafavi S, Thiagalingam S, Abdolmaleky HM. Hypomethylation of the serotonin receptor type-2A Gene (HTR2A) at T102C polymorphic site in DNA derived from the saliva of patients with schizophrenia and bipolar disorder. Am J Med

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**