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diagnostic or therapeutic use.**

EB08364 - Goat Anti-HTR1A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HTR1A, 5-hydroxytryptamine (serotonin) receptor 1A, 5-HT1A, 5HT1a, ADRB2RL1, ADRBRL1, 5-HT1a receptor, G protein coupled receptor, guanine nucleotide-binding regulatory protein-coupled receptor

Official Symbol: HTR1A

Accession Number(s): NP_000515.2

Human GeneID(s): [3350](#)

Non-Human GeneID(s): 2447 (rat)

Immunogen

Peptide with sequence SDPDACTISKDHGYT, from the internal region of the protein sequence according to NP_000515.2.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments in lysates of cell lines DAUDI, Jurkat and MOLT4 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Rat, Dog, Horse

Background Reference

Tsetsenis T, Ma XH, Lo Iacono L, Beck SG, Gross C.

Suppression of conditioning to ambiguous cues by pharmacogenetic inhibition of the dentate gyrus.

Nat Neurosci. 2007 Jul;10(7):896-902. Epub 2007 Jun 3.

PMID: 17558402