

Goat anti-HTR7 / 5-HT7 Antibody

Item Number	dAP-1799
Target Molecule	Principle Name: HTR7 / 5-HT7; Official Symbol: HTR7; All Names and Symbols: HTR7; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled); 5-HT7; 5-hydroxytryptamine receptor 7; OTTHUMP00000020077; OTTHUMP00000020078; OTTHUMP00000020079; serotonin 5-HT-7 receptor; Accession Number (s): NP_000863.1; Human Gene ID(s): 3363; Non-Human GeneID(s):
Immunogen	QNADYCRKKGHDS, is from C Terminus This antibody is expected to recognize isoform a (NP_000863.1) only.
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 50kDa band observed in lysates of cell line KELLY (calculated MW of 49.5kDa according to NP_000863.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 37kDa. This band was
IHC	

Reference	Reference(s): Sjögren B, Svenningsson P. Depletion of the lipid raft constituents, sphingomyelin and ganglioside, decreases serotonin binding at human 5-HT7(a) receptors in HeLa cells. Acta physiologica (Oxford, England) 2007 May 190 (1): 47-53..PMID: 17428232->
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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**