

Goat anti-Serotonin receptor 3A / HTR3A Antibody

Item Number	dAP-0916
Target Molecule	Principle Name: Serotonin receptor 3A / HTR3A; Official Symbol: HTR3A; All Names and Symbols: HTR3A; serotonin receptor; 5-hydroxytryptamine (serotonin) receptor 3A; 5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3; 5-hydroxytryptamine (serotonin) receptor-3; 5HT3 serotonin receptor; Serotonin-gated ion channel receptor; truncated receptor, containing only 3 t; Accession Number (s): NP_998786.2; NP_000860.2; NP_001155244.1; Human Gene ID(s): 3359; Non-Human GeneID(s):
Immunogen	GPQDFEKSPDR, is from internal region This antibody is expected to recognise all three reported isoforms (NP_998786.2; NP_000860.2; NP_001155244.1).
Applications	Pep ELISA, WB, IHC, ICC, IF Species Tested: Human, Rat
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: Approx 55kDa band observed in Human Colon lysates (calculated MW of 55.3kDa according to NP_000860.1. Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 200kDa. This band was suc
IHC	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Dremencov E, Weizmann Y, Kinor N, Gispán-Herman I, Yadid G. Modulation of dopamine transmission by 5HT2C and 5HT3 receptors: a role in the antidepressant response. Curr Drug Targets. 2006 Feb;7(2):165-75. Review. .PMID: 16475958 ->

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**