

Goat anti-Serotonin receptor 2C / HTR2C Antibody

Item Number	dAP-0656
Target Molecule	Principle Name: Serotonin receptor 2C / HTR2C; Official Symbol: HTR2C; All Names and Symbols: HTR2C; 5-hydroxytryptamine (serotonin) receptor 2C ; HGNC:5295; 5-HT2C; HTR1C; RP11-810O3.1; 5-HTR2C; OTTHUMP00000023868; serotonin 5-HT-2C receptor; serotonin receptor 2C; Accession Number (s): NP_000859.1; Human Gene ID(s): 3358; Non-Human GeneID(s):
Immunogen	QVENLELPVN, is from internal region
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 64000.
Western Blot	Western Blot: Approx 50kDa band observed in lysates of Human EBV immortalised Lymphoblastoids, T cell MOLT4 and monocytic cell line U937 (calculated MW of 51.8kDa according to NP_000859.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Castensson A, Aberg K, McCarthy S, Saetre P, Andersson B, Jazin E. Serotonin receptor 2C (HTR2C) and schizophrenia: Examination of possible medication and genetic influences on expression levels. Am J Med Genet B Neuropsychiatr Genet. 2005 Feb 16; [Epub ahead of print] .PMID: 15717293 ->

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**