

HTR2C Antibody

Catalog No: #37404

Package Size: #37404 100ul

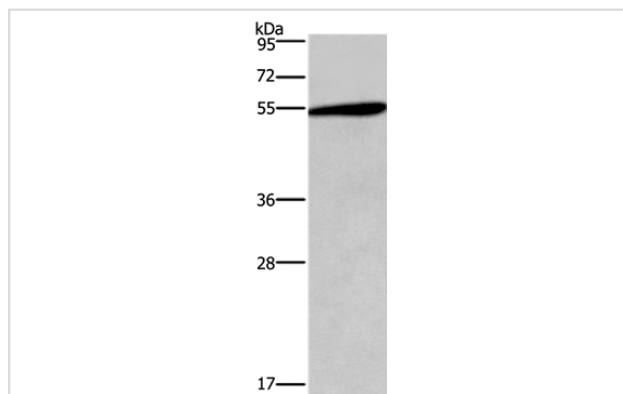
Description

Product Name	HTR2C Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HTR2C protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human 5-hydroxytryptamine (serotonin) receptor 2C, G protein-coupled
Conjugates	Unconjugated
Target Name	HTR2C
Other Names	HTR1C; 5-HT2C; 5HTR2C; 5-HTR2C
Accession No.	Swiss-Prot#: P28335NCBI Gene ID: 3358Gene Accssion: NP_000859
SDS-PAGE MW	52kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
Lysate: 60ug Jurkat cell
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute

Background

Serotonin (5-hydroxytryptamine, 5-HT), a neurotransmitter, elicits a wide array of physiological effects by binding to several receptor subtypes,

including the 5-HT2 family of seven-transmembrane-spanning, G-protein-coupled receptors, which activate phospholipase C and D signaling pathways. This gene encodes the 2C subtype of serotonin receptor and its mRNA is subject to multiple RNA editing events, where genomically encoded adenosine residues are converted to inosines.?

Published Papers

Li Pin;Shen Yihang;Yin Xiaoqin;Zang Shaolian;Zhou Shasha el at., The epigenetic role of HTR1A antagonist in facilitating GnRH expression for pubertal initiation control, , (2021)

[PMID:34458005](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.