

Rabbit 5HT2C Monoclonal Antibody | anti-HTR2C antibody

5HT2C Receptor Antibody

CATALOG # AAA312519	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

5HT2C; Monoclonal Antibody; 5HT2C Receptor Antibody; 5 Hydroxytryptamine 2C receptor antibody; 5-HT-1C antibody; 5-ht-1c receptor antibody; 5-HT-2C antibody; 5-HT1C antibody; 5-HT2C antibody; 5-HTR2C antibody; 5-hydroxytryptamine (serotonin) receptor 2C; G protein-coupled antibody; 5-hydroxytryptamine receptor 1C antibody; 5-hydroxytryptamine receptor 2C antibody; 5HT1C antibody; 5HT2C antibody; 5HT2C_HUMAN antibody; 5HTR2C antibody; 5Hydroxytryptamine 2C receptor antibody; Htr1c antibody; HTR2C antibody; serotonin 1c receptor antibody; serotonin 2c receptor antibody; Serotonin 5-HT-2C receptor antibody; Serotonin receptor 2C antibody; anti-HTR2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JA31-31
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HTR2C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-5HT2C Receptor antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of 5HT2C Receptor on A431 (1) AND K562 (2) lysates using anti-5HT2C Receptor antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR2C antibody	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and psychoactive substances, including ergot alkaloid derivatives, 1-2, 5, -dimethoxy-4-iodophenyl-2-aminopropane (DOI) and lysergic acid diethylamide (LSD). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Beta-arrestin family members inhibit signaling via G proteins and mediate activation of alternative signaling pathways. Signaling activates a phosphatidylinositol-calcium second messenger system that modulates the activity of phosphatidylinositol 3-kinase and down-stream signaling cascades and promotes the release of Ca2+ ions from intracellular stores. Regulates neuronal activity via the activation of short transient receptor potential calcium channels in the brain, and thereby modulates the activation of pro-opiomelanocortin neurons and the release of CRH that then regulates the release of corticosterone.
Product Categories/Family for anti-HTR2C antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504541
NCBI GeneID	3358
NCBI Accession #	NP_000859.1
NCBI GenBank Nucleotide #	NM_000868.2
UniProt Accession #	P28335; Q5VUF8; Q9NP28; B1AMW4
Molecular Weight	51,821 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 2C isoform a
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2C, G protein-coupled
NCBI Official Symbol	HTR2C
NCBI Official Synonym Symbols	HTR1C; 5-HT2C; 5-HTR2C
NCBI Protein Information	5-hydroxytryptamine receptor 2C; 5-HT1C; 5-HT-1C; 5-HT-2C; serotonin receptor 2C; serotonin 5-HT-2C receptor; 5-hydroxytryptamine receptor 1C; 5-hydroxytryptamine receptor-1c
UniProt Protein Name	5-hydroxytryptamine receptor 2C
UniProt Gene Name	HTR2C
UniProt Synonym Gene Names	HTR1C; 5-HT-2C; 5-HT2C; 5-HTR2C; 5-HT-1C; 5-HT1C
UniProt Entry Name	5HT2C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/5ht2c-antibody-clone-ja31-31-immunohistochemistry-western-blot-elisa/312519>