

Rabbit 5HT2A Receptor Polyclonal Antibody | anti-5HT2A antibody

5HT2A Receptor Antibody

CATALOG # AAA226333	HOST Rabbit	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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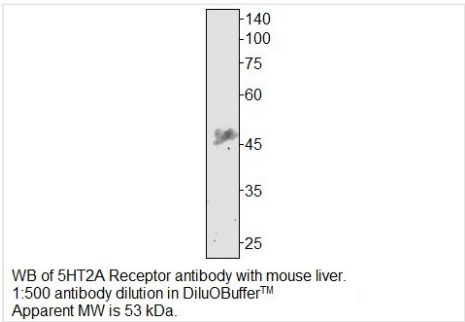
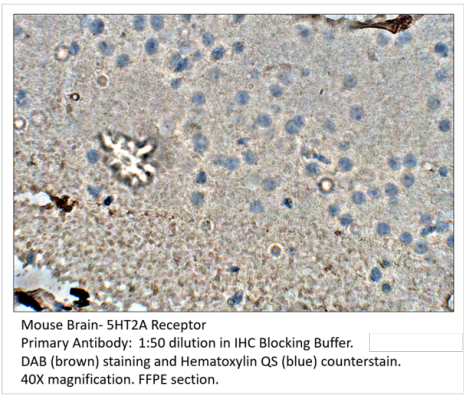
PRODUCT SYNONYMS

5HT2A Receptor; Polyclonal Antibody; 5HT2A Receptor Antibody; Affinity Purified 5-hydroxytryptamine receptor 2A Antibody; 5 HT2 receptor; 5 HT2A; 5 hydroxytryptamine receptor 2A; 5-hydroxytryptamine (serotonin) receptor 2A; G protein-coupled; HTR 2A; HTR2; serotonin 5-HT-2A receptor; Serotonin receptor 2A; anti-5HT2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immobilized antigen affinity chromatography
Form/Format	Affinity Purified Immunoglobulins
Concentration	One hundred micrograms (100ug) antibody in 180-200ul of antibody stabilization buffer (varies by lot)
Sequence Length	471
Applicable Applications for anti-5HT2A antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 400-450 on human 5-hydroxytryptamine receptor 2A.
Structure	The PDZ domain-binding motif is involved in the interaction with PATJ, CASK, APBA1, DLG1 and DLG4.
Expression	Detected in brain cortex. Detected in blood platelets.
Molecular Function	G-protein coupled receptor; Host cell receptor for virus entry; Receptor; Transducer
Subcellular Location	Cell Membrane; Cell projection
Species Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES



WB (Western Blot)

IHC (Immunohistchemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-5HT2A antibody	Description: Affinity Purified 5-hydroxytryptamine receptor 2A Antibody Overview: G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and psychoactive substances, including mescaline, psilocybin, 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 phospholipase C and a phosphatidylinositol-calcium second messenger system that modulates the activity of phosphatidylinositol 3-kinase and promotes the release of Ca²⁺ ions from intracellular stores. Affects neural activity, perception, cognition and mood. Plays a role in the regulation of behavior, including responses to anxiogenic situations and psychoactive substances. Plays a role in intestinal smooth muscle contraction, and may play a role in arterial vasoconstriction.
Product Categories/Family for anti-5HT2A antibody	Primary Antibodies; Neuroscience; Neurotransmission; Serotonin Receptors; 5HT2A Receptor Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835175
NCBI GeneID	3356
NCBI Accession #	NP_000612
NCBI GenBank Nucleotide #	NM_000621.4
UniProt Accession #	P28223; Q5T8C0; B2RAC5; B4DZ79; F5GWE8
NCBI Official Full Name	5-hydroxytryptamine receptor 2A isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 2A
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A
UniProt Protein Name	5-hydroxytryptamine receptor 2A
UniProt Gene Name	HTR2A
UniProt Synonym Gene Names	HTR2; 5-HT-2; 5-HT-2A

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/polyclonal/5ht2a-receptor-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/226333>