

Rabbit HTR2A / 5-HT2A Receptor Polyclonal Antibody | anti-HTR2A antibody

Rabbit Polyclonal to Human HTR2A / 5-HT2A Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51521	Rabbit	Chimpanzee, Gorilla, Human Predicted Reactivity: Orangutan, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

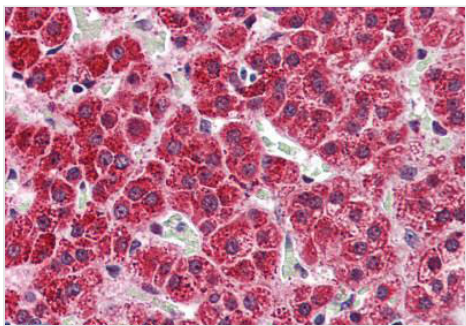
PRODUCT SYNONYMS

HTR2A / 5-HT2A Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human HTR2A / 5-HT2A Receptor; Anti-HTR2A / 5-HT2A Receptor Antibody (C-Terminus) IHC-plus; HTR2A; 5-HT2A; 5-HT-2A; 5-HT2a receptor; 5HT2A Receptor; 5-HT-2; 5-HT2A/2C; 5-HT2A/2C receptor; 5-HT2 receptor; HTR2; Serotonin 5-HT-2A receptor; Serotonin receptor 2A; Serotonin 2a receptor; Human HTR2A; 5-HT2A Receptor; anti-HTR2A antibody

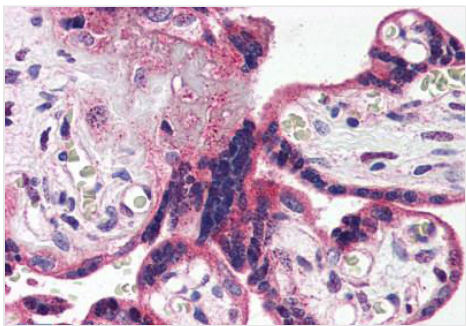
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Gorilla, Human Predicted Reactivity: Orangutan, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human 5HT2A Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	471
Applicable Applications for anti-HTR2A antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from C-terminal cytoplasmic domainhuman 5HT2A Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan, Gibbon, Monkey (95%); Marmoset (85%).
Immunogen Type	Synthetic peptide
Immunogen	HTR2A / 5-HT2A Receptor antibody was raised against synthetic 20 amino acid peptide from C-terminal cytoplasmic domainhuman 5HT2A Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan, Gibbon, Monkey (95%); Marmoset (85%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-5HT2A Receptor antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-5HT2A Receptor antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR2A antibody	The 5-HT2A Receptor is a member of the Serotonin Receptor subfamily. 5-HT2A polymorphisms have been associated with schizophrenia and psychotic symptoms in Alzheimer's disease.
Product Categories/Family for anti-HTR2A antibody	Family: GPCR; Subfamily: Serotonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835175
NCBI GeneID	3356
NCBI Accession #	NP_000612.1
NCBI GenBank Nucleotide #	NM_000621.4
UniProt Accession #	P28223; Q5T8C0; B2RAC5; B4DZ79; F5GWE8
Molecular Weight	43,940 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 2A isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A; 5-HT-2A; 5-HT2 receptor; serotonin 5-HT-2A receptor
UniProt Protein Name	5-hydroxytryptamine receptor 2A
UniProt Gene Name	HTR2A
UniProt Synonym Gene Names	HTR2; 5-HT-2; 5-HT-2A
UniProt Entry Name	5HT2A_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.