

Rabbit HTR1B / 5-HT2B Receptor Polyclonal Antibody | anti-HTR1B antibody

Rabbit Polyclonal to Human HTR1B / 5-HT2B Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51235	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Bat, Bovine (at least 90% immunogen sequence identity)	Immunohistochemistry

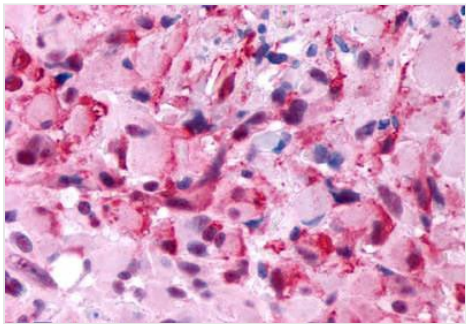
PRODUCT SYNONYMS

HTR1B / 5-HT2B Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human HTR1B / 5-HT2B Receptor; Anti-HTR1B / 5-HT2B Receptor Antibody (Extracellular Domain) IHC-plus; HTR2B; 5-HT 2B receptor; 5HT2B Receptor; 5-HT(2B); 5-HT-2B; 5-HT2b receptor; 5-HT2B; Serotonin 2b receptor; Serotonin 5-HT-2b receptor; Serotonin receptor 2B; Human HTR1B; 5-HT2B Receptor; anti-HTR1B antibody

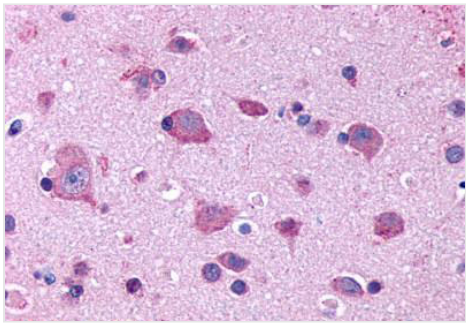
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Bat, Bovine (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human 5HT2B 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	481
Applicable Applications for anti-HTR1B antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunocytochemistry (ICC)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from 2nd extracellular domain of human 5HT2B Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Bovine, Bat (93%); Mouse, Hamster.
Immunogen Type	Synthetic peptide
Immunogen	HTR1B / 5-HT2B Receptor antibody was raised against synthetic 15 amino acid peptide from 2nd extracellular domain of human 5HT2B Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Bovine, Bat (93%); Mouse, Hamster, Panda, Horse, Rabbit, Pig (80%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

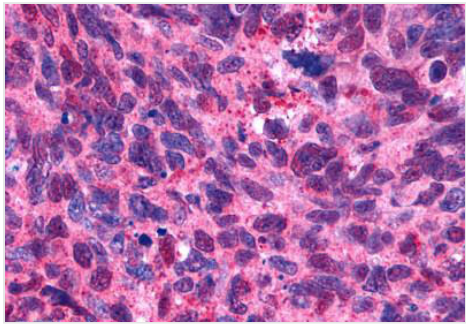
IMAGES



IHC (Immunohistochemistry)
Anti-HTR1B / 5-HT2B Receptor antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-5HT2B Receptor antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-HTR1B / 5-HT2B Receptor antibody IHC of human Lung, Small Cell Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR1B antibody	5-HT2B, a Serotonin Receptor, activates phospholipase C upon binding serotonin, which results in a rise in intracellular calcium. It is known that 5-HT2B regulates cardiovascular function during development and in adulthood; mice lacking functional 5-HT2B receptors died of heart defects during gestation or neonatally, and adult mutant mice displayed cardiopathy, including myocyte disarray and ventricular dilation.
Product Categories/Family for anti-HTR1B antibody	Family: GPCR; Subfamily: Serotonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080049
NCBI GeneID	3357
NCBI Accession #	NP_000858.3
NCBI GenBank Nucleotide #	NM_000867.4
UniProt Accession #	P41595; Q53TI1; Q62221; Q6P523; B2R9D5; AAB31827
Molecular Weight	54,298 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 2B
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled
NCBI Official Symbol	HTR2B
NCBI Official Synonym Symbols	5-HT2B; 5-HT(2B)

NCBI Protein Information	5-hydroxytryptamine receptor 2B; 5-HT-2B; 5-HT 2B receptor; serotonin receptor 2B; 5-hydroxytryptamine 2B receptor; 5-hydroxytryptamine receptor 2B variant b
UniProt Protein Name	5-hydroxytryptamine receptor 2B
UniProt Gene Name	HTR2B
UniProt Synonym Gene Names	5-HT-2B; 5-HT2B
UniProt Entry Name	5HT2B_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/polyclonal/htr1b-5-ht2b-receptor-antibody-immunohistochemistry-elisa/51235>