

Rabbit HTR1B / 5-HT1B Receptor Polyclonal Antibody | anti-HTR1B antibody

Rabbit Polyclonal to Human HTR1B / 5-HT1B Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51718	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Mouse, Rat, Bat, Horse, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

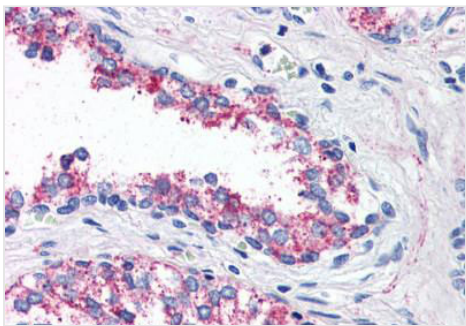
PRODUCT SYNONYMS

HTR1B / 5-HT1B Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human HTR1B / 5-HT1B Receptor; Anti-HTR1B / 5-HT1B Receptor Antibody (Internal) IHC-plus; HTR1B; 5-HT-1B; 5-HT-1D-beta; 5-HT1B; 5-HT1b receptor; 5-HT1DB; 5HT1B Receptor; HTR1DB; Serotonin 5-HT-1b receptor; Serotonin receptor 1B; Serotonin 1b receptor; HTR1D2; Serotonin 1D beta receptor; Human HTR1B; 5-HT1B Receptor; anti-HTR1B antibody

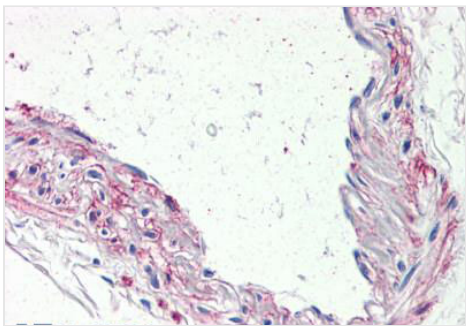
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Mouse, Rat, Bat, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human 5HT1B 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	390
Applicable Applications for anti-HTR1B antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human 5HT1B Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%); Mouse, Rat, Bat, Horse, Pig (94%).
Immunogen Type	Synthetic peptide
Immunogen	HTR1B / 5-HT1B Receptor antibody was raised against synthetic 17 amino acid peptide from internal region of human 5HT1B Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%); Mouse, Rat, Bat, Horse, Pig (94%); Hamster, Panda, Bovine, Dog, Cat, Rabbit, Guinea pig (88%); Elephant, Opossum (82%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-5HT1B Receptor antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-5HT1B Receptor antibody IHC of human vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR1B antibody	5-HT1B (5-HT1D beta), a Serotonin Receptor, inhibits neurotransmitter release from neuronal terminals. Knockout mutant mice lacking this receptor exhibit decreased anxiety, increased aggression, and augmented alcohol and cocaine consumption compared to controls. 5-HT1B receptors have been found to control areas of the human brain involved in migraine pain, bipolar disorder, and obsessive compulsive disorder.
Product Categories/Family for anti-HTR1B antibody	Family: GPCR; Subfamily: Serotonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504533
NCBI GeneID	3351
NCBI Accession #	NP_000854.1
NCBI GenBank Nucleotide #	NM_000863.1
UniProt Accession #	P28222; Q4VAY7
Molecular Weight	43,568 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1B
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled
NCBI Official Symbol	HTR1B
NCBI Official Synonym Symbols	S12; 5-HT1B; HTR1D2; HTR1DB; 5-HT1DB
NCBI Protein Information	5-hydroxytryptamine receptor 1B; 5-HT-1B; 5-HT-1D-beta; serotonin receptor 1B; serotonin 1D beta receptor
UniProt Protein Name	5-hydroxytryptamine receptor 1B
UniProt Gene Name	HTR1B
UniProt Synonym Gene Names	HTR1DB; 5-HT-1B; 5-HT1B; 5-HT-1D-beta
UniProt Entry Name	5HT1B_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.