

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

HTR1B/5-HT1B Receptor Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162950	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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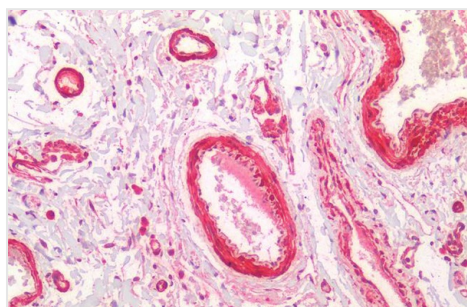
PRODUCT SYNONYMS

HTR1B/5-HT1B Receptor; Polyclonal Antibody; HTR1B/5-HT1B Receptor Rabbit anti-Human Polyclonal Antibody; PathPlus HTR1B/5-HT1B Receptor Antibody; 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; anti-HTR1B antibody

PRODUCT SPECIFICATIONS

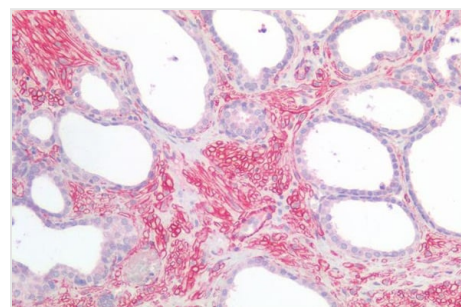
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HTR1B antibody	IHC (Immunohistochemistry)
Target	Human HTR1B/5-HT1B Receptor
Immunogen	LP-10705, synthetic peptide
Conjugation	Unconjugated
Family	GPCR
Subfamily	Serotonin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



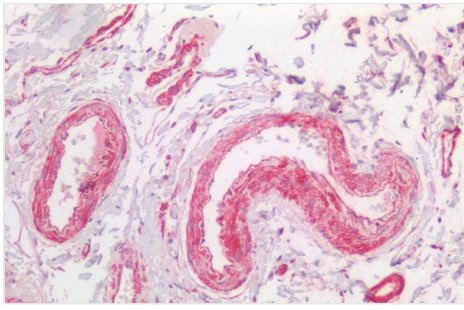
IHC (Immunohistochemistry)

HTR1B/5-HT1B Receptor Antibody-Human Liver, Smooth Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

HTR1B/5-HT1B Receptor Antibody-Human Prostate, Smooth Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
HTR1B/5-HT1B Receptor Antibody-Human Small Intestine, Smooth Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-HTR1B antibody	5-HT1B Receptor antibody is an unconjugated rabbit polyclonal antibody to 5-HT1B Receptor (HTR1B) from human. Validated for IHC. HTR1B is the G-protein coupled receptor for 5-hydroxytryptamine (serotonin). It functions as a receptor for serotonin, ergot alkaloid derivatives, anxiolytic and antidepressant drugs, and various psychoactive substances. Ligand binding triggers signaling via G-proteins and modulates downstream activity of adenylate cyclase. It plays a role in neural activity, pain perception, mood, and behavior, and plays a role in the vasoconstriction of cerebral arteries. There is evidence that HTR1B is involved in self-renewal of acute myeloid leukemia cells and is differentially expressed versus normal tissue in the disease. In immunohistochemistry of normal tissue, the protein is expressed in a variety of tissues, including various brain regions, subsets of immune cells, the placenta and vessels.
References	Physiological Research/Academia Scientiarum Bohemoslovaca. 2011. 60 (1): 15 -25, PMID: 20945968; Journal of Neurochemistry. 125 (6): 809 -21, PMID 23452061; Leukemia. 2017 Nov;31(11):2288-2302, PMID: 28193998

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504533
NCBI GeneID	3351
NCBI Accession #	NP_000854.1
NCBI GenBank Nucleotide #	NM_000863
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
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.