

Rabbit HTR1E / 5-HT1E Receptor Polyclonal Antibody | anti-HTR1E antibody

Rabbit Polyclonal to Human HTR1E / 5-HT1E Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51482	Rabbit	Gibbon, Bovine, Chimpanzee, Chicken, Guinea pig, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Bat (at least 90% immunogen sequence identity)	Immunohistochemistry

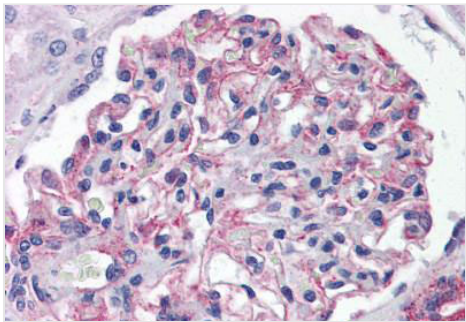
PRODUCT SYNONYMS

HTR1E / 5-HT1E Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human HTR1E / 5-HT1E Receptor; Anti-HTR1E / 5-HT1E Receptor Antibody (Cytoplasmic Domain) IHC-plus; HTR1E; 5-HT1E; 5-HT1e receptor; 5-HT-1E; 5HT1E Receptor; HT1e receptor; S31; Serotonin 5-HT-1e receptor; Serotonin 1e receptor; Serotonin receptor 1E; Human HTR1E; 5-HT1E Receptor; anti-HTR1E antibody

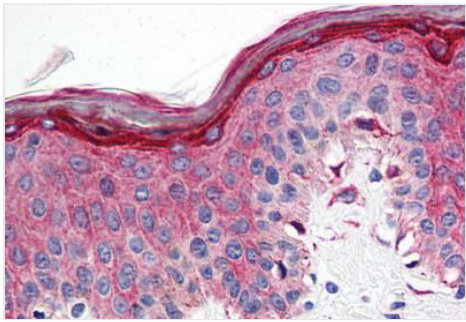
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Chimpanzee, Chicken, Guinea pig, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Bat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human 5HT1E Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except HTR1F (65%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-HTR1E antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from 3rd cytoplasmic domain of human 5HT1E Receptor.
Immunogen Type	Synthetic peptide
Immunogen	HTR1E / 5-HT1E Receptor antibody was raised against synthetic 17 amino acid peptide from 3rd cytoplasmic domain of human 5HT1E Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Elephant, Panda, Bovine, Horse, Guinea pig, Turkey, Sparrow, Chicken, Lizard (100%); Bat, Opossum (94%); Stickleback, Zebrafish (88%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-5HT1E Receptor antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-5HT1E Receptor antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR1E antibody	5HT1E, a Serotonin Receptor, is not well studied. It is classified as an 5-HT1-like receptor because of its ligand-binding and effector-coupling characteristics. The human 5-HT1E receptor has been studied in an African green monkey kidney cell line, in which it modulated cAMP levels upon binding serotonin. Lack of structural variants in the human gene indicate a highly conserved protein.
Product Categories/Family for anti-HTR1E antibody	Family: GPCR; Subfamily: Serotonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504537
NCBI GeneID	3354
NCBI Accession #	NP_000856.1
NCBI GenBank Nucleotide #	NM_000865.2
UniProt Accession #	P28566; Q9P1Y1; E1P503
Molecular Weight	41,682 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1E
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 1E, G protein-coupled
NCBI Official Symbol	HTR1E
NCBI Official Synonym Symbols	5-HT1E
NCBI Protein Information	5-hydroxytryptamine receptor 1E; S31; 5-HT-1E; serotonin receptor 1E
UniProt Protein Name	5-hydroxytryptamine receptor 1E
UniProt Gene Name	HTR1E
UniProt Synonym Gene Names	5-HT-1E; 5-HT1E
UniProt Entry Name	5HT1E_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.