

Rabbit HTR3B Polyclonal Antibody | anti-HTR3B antibody

HTR3B antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197937	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

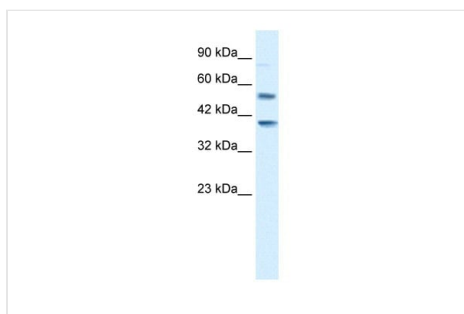
PRODUCT SYNONYMS

HTR3B; Polyclonal Antibody; HTR3B antibody - N-terminal region; anti-HTR3B antibody

PRODUCT SPECIFICATIONS

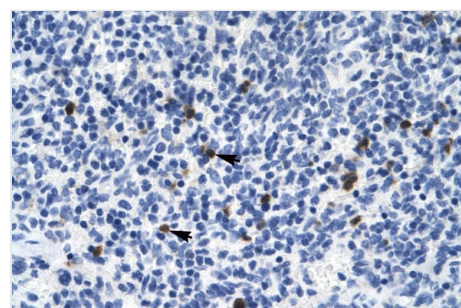
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PL WACILVAAGI LATDTHHPQD SALYHLSKQL LQKYHKEVRP VYNWTKAT
Sequence Length	441
Applicable Applications for anti-HTR3B antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Homology	Cow: 79%; Dog: 77%; Guinea Pig: 79%; Human: 100%; Mouse: 77%; Pig: 86%; Rabbit: 86%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HTR3B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



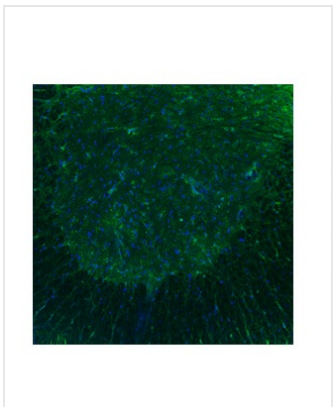
WB (Western Blot)

WB Suggested Anti-HTR3B Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-HTR3B Antibody
Paraffin Embedded Tissue: Human Spleen
Cellular Data: Spleen cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IF (Immunofluorescence)

Sample Type : Spinal Cord, ventral horns

ADDITIONAL INFORMATION

Related Product Information for anti-HTR3B antibody	This is a rabbit polyclonal antibody against HTR3B. It was validated on Western Blot and immunohistochemistry Target Description: The product of HTR3B belongs to the ligand-gated ion channel receptor superfamily. HTR3B encodes subunit B of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation.
Product Categories/Family for anti-HTR3B antibody	Polyclonal; Ion Channel; Growth Factors & Hormones; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174469
NCBI GeneID	9177
NCBI Accession #	NP_006019
NCBI GenBank Nucleotide #	NM_006028
UniProt Accession #	O95264
Molecular Weight	49kDa
NCBI Official Full Name	5-hydroxytryptamine receptor 3B isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 3B
NCBI Official Symbol	HTR3B
NCBI Official Synonym Symbols	5-HT3B
NCBI Protein Information	5-hydroxytryptamine receptor 3B
UniProt Protein Name	5-hydroxytryptamine receptor 3B
UniProt Gene Name	HTR3B
UniProt Synonym Gene Names	5-HT3-B; 5-HT3B
UniProt Entry Name	5HT3B_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.