

Goat HTR3A / 5-HT3A Receptor Polyclonal Antibody | anti-HTR3A antibody

Goat Polyclonal to Human HTR3A / 5-HT3A Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51062	Goat	Chimpanzee, Gorilla, Human Predicted Reactivity: Orangutan (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HTR3A / 5-HT3A Receptor; Polyclonal Antibody; Goat Polyclonal to Human HTR3A / 5-HT3A Receptor; Anti-HTR3A / 5-HT3A Receptor Antibody (Internal) IHC-plus; HTR3A; 5-HT3-A; 5-HT3R-A; 5-HT3 receptor; 5HT3 serotonin receptor; 5-HT3A; 5-HT3a receptor; 5-hydroxytryptamine receptor 3; 5-HT-3; 5-HT3; 5-HT3R; 5HT3R; HTR3; Serotonin receptor 3A; Human HTR3A; 5-HT3A Receptor; anti-HTR3A antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Chimpanzee, Gorilla, Human Predicted Reactivity: Orangutan (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human HTR3A / 5-HT3A. This antibody is expected to recognise all three reported isoforms (NP_998786.2; NP_000860.2; NP_001155244.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	484
Applicable Applications for anti-HTR3A antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-GPQDFEKSPRDR from an internal region of human HTR3A / 5-HT3A (NP_998786.2; NP_000860.2; NP_001155244.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan (92%); Gibbon (83%).
Immunogen Type	Synthetic peptide
Immunogen	HTR3A / 5-HT3A Receptor antibody was raised against synthetic peptide C-GPQDFEKSPRDR from an internal region of human HTR3A / 5-HT3A (NP_998786.2; NP_000860.2; NP_001155244.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan (92%); Gibbon (83%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
Antibody (0.3 ug/ml) staining of Human Colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-5HT3A receptor antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HTR3A antibody	5-HT3a is a member of the 5-HT3 receptor subfamily of ligand gated ion channels, as opposed to all other known 5-HT receptor subtypes that are G protein-coupled receptors.
Product Categories/Family for anti-HTR3A antibody	Family: Ion channel; Subfamily: Serotonin 5-HT3 receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	253735700
NCBI GeneID	3359
NCBI Accession #	NP_000860.2
NCBI GenBank Nucleotide #	NM_000869.5
UniProt Accession #	P46098; O60854; Q7KZM7; Q99918; Q9BSZ9; B4DSY6; G5E986
Molecular Weight	59,002 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 3A isoform b
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 3A, ionotropic
NCBI Official Symbol	HTR3A
NCBI Official Synonym Symbols	HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R
NCBI Protein Information	5-hydroxytryptamine receptor 3A; 5-HT3-A; serotonin receptor 3A; 5HT3 serotonin receptor; serotonin-gated ion channel receptor
UniProt Protein Name	5-hydroxytryptamine receptor 3A
UniProt Gene Name	HTR3A
UniProt Synonym Gene Names	5HT3R; HTR3; 5-HT3-A; 5-HT3A; 5-HT-3; 5-HT3R
UniProt Entry Name	5HT3A_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.