

Rabbit anti-Human, Rat HTR3A / 5-HT3A Receptor Polyclonal Antibody | anti-HTR3A antibody

Rabbit Polyclonal (IgG) to Rat HTR3A / 5-HT3A Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50846	Rabbit	Human, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HTR3A / 5-HT3A Receptor; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Rat HTR3A / 5-HT3A Receptor; Anti-HTR3A / 5-HT3A Receptor Antibody (aa21-36) 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; Rat HTR3A; 5-HT3A Receptor; anti-HTR3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	A mixture of synthetic peptides corresponding to amino acids 21-36 and 421-436 of rat 5-HT3 receptor
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.2% gelatin, 0.05% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	484
Applicable Applications for anti-HTR3A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Rat
Immunogen Description	This antibody was developed by immunizing rabbits with a mixture of synthetic peptides corresponding to amino acids 21-36 (RATQAHSTTQPALLRL) and 421-436 (LSSIRHSLEKRDEMRE) of rat 5-HT3A receptor, GenBank no AAB02949.
Immunogen Type	Synthetic peptide
Immunogen	HTR3A / 5-HT3A Receptor antibody was raised against this antibody was developed by immunizing rabbits with a mixture of synthetic peptides corresponding to amino acids 21-36 (RATQAHSTTQPALLRL) and 421-436 (LSSIRHSLEKRDEMRE) of rat 5-HT3A receptor, GenBank no AAB02949. Percent identity by BLAST analysis: Rat (100%); Mouse (88%); Hamster (81%).
Antigen Modification	aa21-36
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot of 5-HT3R in human brain tissue lysate with anti-5-HT3R pcAb. A protein band of approximate molecular weight of 47-50 kDa was detected.



IHC (Immunohistochemistry)

Anti-5HT3A receptor antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/htr3a-5-ht3a-receptor-antibody-western-blot-immunohistochemistry-elisa/50846>