

Rabbit HRH3 / Histamine 3 Receptor Polyclonal Antibody | anti-HRH3 antibody

Rabbit Polyclonal to Human HRH3 / Histamine 3 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51671	Rabbit	Gibbon, Bovine, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rat Predicted Reactivity: Bat, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

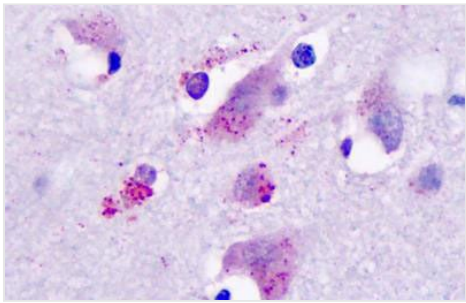
PRODUCT SYNONYMS

HRH3 / Histamine 3 Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human HRH3 / Histamine 3 Receptor; Anti-HRH3 / Histamine 3 Receptor Antibody (Cytoplasmic Domain) IHC-plus; HRH3; G protein-coupled receptor 97; GPCR97; H3 histamine receptor; H3R; HH3R; Histamine H3 receptor; Histamine receptor H3; G-protein coupled receptor 97; Histamine 3 receptor; Human HRH3; Histamine 3 Receptor; anti-HRH3 antibody

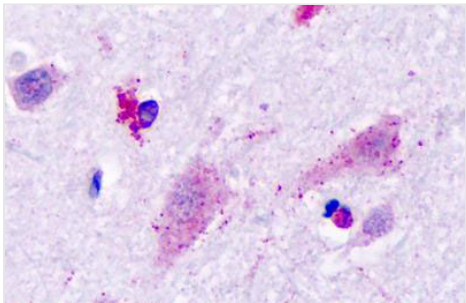
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rat Predicted Reactivity: Bat, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human HRH3 / Histamine H3 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	445
Applicable Applications for anti-HRH3 antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Western Blot (WB)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 2nd cytoplasmic domain of human HRH3 / Histamine H3 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Hamster, Elephant, Bovine, Horse, Guinea pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	HRH3 / Histamine 3 Receptor antibody was raised against synthetic 16 amino acid peptide from 2nd cytoplasmic domain of human HRH3 / Histamine H3 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Hamster, Elephant, Bovine, Horse, Guinea pig (100%); Panda, Bat, Dog (94%); Opossum (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-Histamine 3 Receptor / HRH3 antibody IHC of human brain, neurons and glia.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 7-15 ug/ml.



IHC (Immunohistochemistry)
Anti-Histamine 3 Receptor / HRH3 antibody IHC of human brain, neurons.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 7-15 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HRH3 antibody	H3 Histamine Receptor regulates the release of the neurotransmitters norepinephrine and somatostatin. In histamine-containing neurons of the brain, the H3 receptor acts as a presynaptic autoreceptor, while in nonhistamine-containing neurons in both the central and peripheral nervous systems, it acts as a presynaptic heteroreceptor. Multiple isoforms of H3 receptors are produced by alternative splicing.
Product Categories/Family for anti-HRH3 antibody	Family: GPCR; Subfamily: Histamine

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018562
NCBI GeneID	11255
NCBI Accession #	NP_009163.2
NCBI GenBank Nucleotide #	NM_007232.2
UniProt Accession #	Q9Y5N1; Q4QRI7; Q9GZX2; Q9H4K8
Molecular Weight	45,607 Da
NCBI Official Full Name	histamine H3 receptor
NCBI Official Synonym Full Names	histamine receptor H3
NCBI Official Symbol	HRH3
NCBI Official Synonym Symbols	HH3R; GPCR97
NCBI Protein Information	histamine H3 receptor; H3R; G protein-coupled receptor 97; G-protein coupled receptor 97
UniProt Protein Name	Histamine H3 receptor
UniProt Gene Name	HRH3
UniProt Synonym Gene Names	GPCR97; H3R; HH3R
UniProt Entry Name	HRH3_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.