

Rabbit HRH3 Polyclonal Antibody | anti-HRH3 antibody

HRH3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325585	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HRH3; Polyclonal Antibody; HRH3 Antibody; G protein coupled receptor 97; G-protein coupled receptor 97; GPCR 97; GPCR97; H3R; HH 3R; HH3 R; HH3R; Histamine H3 receptor; Histamine receptor H3; HRH 3; HRH3_HUMAN; OTTHUMP00000031459; anti-HRH3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HRH3 antibody detects endogenous levels of total HRH3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	445
Applicable Applications for anti-HRH3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed predominantly in the CNS, with the greatest expression in the thalamus and caudate nucleus. The various isoforms are mainly coexpressed in brain, but their relative expression level varies in a region-specific manner. Isoform 3 and isoform 7 are highly expressed in the thalamus, caudate nucleus and cerebellum while isoform 5 and isoform 6 show a poor expression. Isoform 5 and isoform 6 show a high expression in the amygdala, substantia nigra, cerebral cortex and hypothalamus. Isoform 7 is not found in hypothalamus or substantia nigra.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using HRH3 antibody.



IF (Immunofluorescence)
AAA325585 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HRH3 antibody	Function: The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist). Agonist stimulation of isoform 3 neither modified adenylate cyclase activity nor induced intracellular calcium mobilization. Similarity: Belongs to the G-protein coupled receptor 1 family.
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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	Observed: 49 kD Predicted: 49 kDa
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
UniProt Protein Name	Histamine H3 receptor
UniProt Gene Name	HRH3
UniProt Synonym Gene Names	GPCR97; H3R; HH3R

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/hrh3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325585>