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Anti-HRH3 / Histamine 3 Receptor Antibody (Cytoplasmic Domain)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17480

Product Information

Application	IHC-P, ICC
Primary Accession	Q9Y5N1
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48671
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	11255
Alias Symbol	HRH3
Other Names	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
Target/Specificity	Human HRH3 / Histamine H3 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-HRH3 / Histamine 3 Receptor Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HRH3
Synonyms	GPCR97
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.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	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