

Anti-HRH3 Rabbit Monoclonal Antibody

Catalog # ABO15860

Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q9Y5N1
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-HRH3 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	11255
Other Names	Histamine H3 receptor, H3R, HH3R, G-protein coupled receptor 97, HRH3, GPCR97
Calculated MW	48671
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24H37
Immunogen	A synthesized peptide derived from human HRH3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

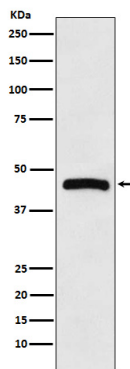
Cellular Location

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

Images



Western blot analysis of HRH3 expression in A549 cell lysate.

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