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

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17480

Specification

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

Application	**IHC-P, ICC**
Primary Accession	Q9Y5N1
Predicted	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48671**
Dilution	**IHC-P~~N/A** **ICC~~N/A**

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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