

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10880**Specification**

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q9H3N8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa
Dilution	IHC-P~~N/A

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 59340**Other Names**

Histamine H4 receptor, H4R, HH4R, AXOR35, G-protein coupled receptor 105, GPRv53, Pfi-013, SP9144, HRH4, GPCR105

Target/Specificity

Human HRH4 / Histamine H4 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - Protein Information**Name** HRH4**Synonyms** GPCR105**Function**

The H4 subclass of histamine receptors could mediate the histamine signals in peripheral tissues. Displays a significant level of constitutive activity (spontaneous activity in the absence of agonist).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed primarily in the bone marrow and eosinophils. Shows preferential distribution in cells of

immunological relevance such as T-cells, dendritic cells, monocytes, mast cells, neutrophils. Also expressed in a wide variety of peripheral tissues, including the heart, kidney, liver, lung, pancreas, skeletal muscle, prostate, small intestine, spleen, testis, colon, fetal liver and lymph node.

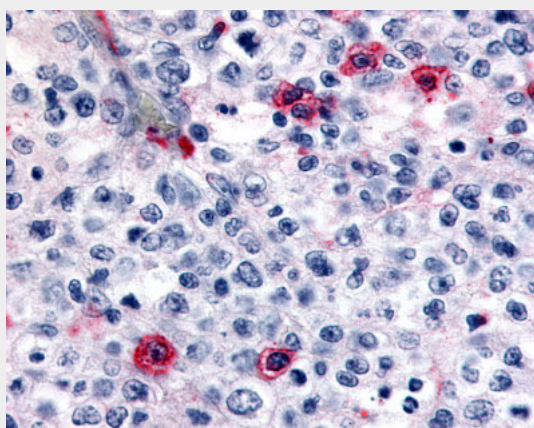
Volume
50 µl

HRH4 / Histamine H4 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 Cytometry](#)
- [Cell Culture](#)

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - Images



Anti-HRH4 / Histamine H4 Receptor antibody ALS10880 IHC of human lymph node.

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - Background

The H4 subclass of histamine receptors could mediate the histamine signals in peripheral tissues. Displays a significant level of constitutive activity (spontaneous activity in the absence of agonist).

HRH4 / Histamine H4 Receptor Antibody (Cytoplasmic Domain) - References

- Oda T., et al. J. Biol. Chem. 275:36781-36786(2000).
Nakamura T., et al. Biochem. Biophys. Res. Commun. 279:615-620(2000).
Jones P.G., et al. Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
Liu C., et al. Mol. Pharmacol. 59:420-426(2001).
Morse K.L., et al. J. Pharmacol. Exp. Ther. 296:1058-1066(2001).