

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17537**Specification**

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P25021
Predicted	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40098
Dilution	IHC-P~~N/A

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain) - Additional Information**Gene ID** 3274**Alias Symbol** HRH2**Other Names**

HRH2, Gastric receptor I, H2R, Histamine 2 receptor, Gastric receptor 1, H2 histamine receptor, HH2R, Histamine type 2 receptor, Histamine H2 receptor, Histamine receptor H2

Target/Specificity

Human HRH2 / Histamine H2 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain) - Protein Information**Name** HRH2**Function**

G-protein coupled receptor for histamine, primarily mediating gastric acid secretion. Predominantly expressed in the gastric mucosa, couples to G(s) G alpha proteins upon histamine binding, leading to activation of adenylate cyclase and increased intracellular cyclic AMP (cAMP) levels (PubMed:38647423, PubMed:39333117). This signaling cascade stimulates parietal cells to secrete

hydrochloric acid, playing a key role in digestive physiology. Also expressed in other tissues, including the heart and central nervous system, where it may contribute to cardiac stimulation and modulate neurotransmitter release (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular 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](#)

Anti-HRH2 / Histamine H2 Receptor Antibody (Extracellular Domain) - Images