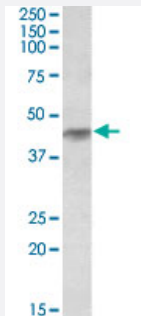


HRH2 polyclonal antibody

Catalog # PAB19657 Size 100 ug

Applications



Western Blot (Tissue lysate)

HRH2 polyclonal antibody (Cat # PAB19657) (0.1 ug/mL) staining of human duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HRH2.
Immunogen	A synthetic peptide corresponding to amino acids 309-323 at internal region of human HRH2.
Sequence	C-SHNSHKTSRLNNS
Host	Goat
Theoretical MW (kDa)	44.5
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_001124527.1; NP_071640.1).
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — HRH2

Entrez GeneID[3274](#)**Protein Accession#**[NP_001124527.1;NP_071640.1](#)**Gene Name**

HRH2

Gene Alias

H2R

Gene Description

histamine receptor H2

Omim ID[142703](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. Histamine receptor H2 belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and stimulates gastric acid secretion. It also regulates gastrointestinal motility and intestinal secretion and is thought to be involved in regulating cell growth and differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

gastric receptor 1

Pathway

- [Calcium signaling pathway](#)

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Angioneurotic Edema](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Urticaria](#)
- [Weight Gain](#)