

Rabbit Histamine H2 Receptor Polyclonal Antibody | anti-HH2R antibody

Histamine H2 Receptor Antibody

CATALOG #	HOST	APPLICATIONS
AAA225401	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

Histamine H2 Receptor; Polyclonal Antibody; Histamine H2 Receptor Antibody; Affinity Purified Rabbit Polyclonal Histamine H2 Receptor Antibody; Polyclonal Histamine H2 Receptor antibody; Anti-Histamine H2 Receptor antibody; Histamine H Receptor-2; Histamine H Receptor-2 antibody; gastric receptor 1 antibody; H2R antibody; Histamine H Receptor 2; histamine receptor H2 antibody; gastric receptor I antibody; histamine H2 receptor antibody; Histamine H Receptor 2 antibody; HH2R antibody; HRH2 antibody; anti-HH2R antibody

PRODUCT SPECIFICATIONS

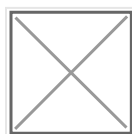
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.75 mg/ml (varies by lot)
Sequence Length	397
Applicable Applications for anti-HH2R antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



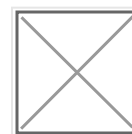
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded H520 xenograft using Histamine H2 Receptor antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using Histamine H2 Receptor antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10% SDS PAGE gel and Histamine H2 Receptor antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-HH2R antibody	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.
Product Categories/Family for anti-HH2R antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	197085610
NCBI GeneID	3274
NCBI GenBank Nucleotide #	NP_001124527.1
UniProt Accession #	P25021
Molecular Weight	40 kDa
NCBI Official Full Name	histamine H2 receptor isoform 1
NCBI Official Synonym Full Names	histamine receptor H2
NCBI Official Symbol	HRH2
NCBI Official Synonym Symbols	H2R; HH2R
NCBI Protein Information	histamine H2 receptor
UniProt Protein Name	Histamine H2 receptor
UniProt Gene Name	HRH2
UniProt Synonym Gene Names	H2R; HH2R
UniProt Entry Name	HRH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.