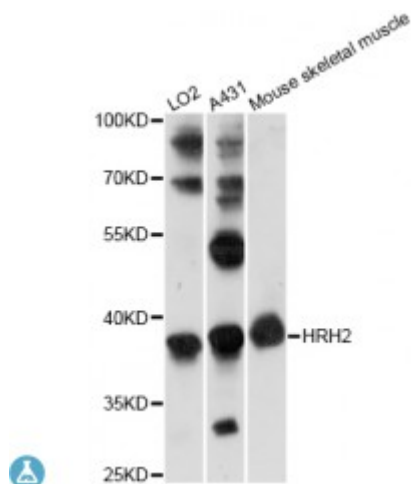


Anti-HRH2 Antibody



Description

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.

Model	STJ116431
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HRH2 (NP_001124527.1).
Gene ID	3274
Gene Symbol	HRH2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Histamine H2 receptor H2R HH2R Gastric receptor I
Molecular Weight	40.098 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5183OMIM:142703Reactome:R-HSA-390650
Alternative Names	Histamine H2 receptor H2R HH2R Gastric receptor I
Function	The H2 subclass of histamine receptors mediates gastric acid secretion, Also appears to regulate gastrointestinal motility and intestinal secretion, Possible role in regulating cell growth and differentiation, The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway ,
Cellular Localization	Cell membrane

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