

Histamine H2 Receptor Polyclonal Antibody

Catalog # AP70324

Specification

Histamine H2 Receptor Polyclonal Antibody - Product Information

Application WB, IF
Primary Accession P25021
Reactivity Human
Host Rabbit
Clonality Polyclonal

Histamine H2 Receptor Polyclonal Antibody - Additional Information

Gene ID 3274

Other Names

HRH2; Histamine H2 receptor; H2R; HH2R; Gastric receptor I

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet

tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Histamine H2 Receptor Polyclonal Antibody - Protein Information

Name HRH2

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 (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Histamine H2 Receptor Polyclonal Antibody - Protocols

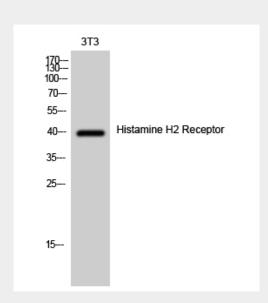
Provided below are standard protocols that you may find useful for product applications.



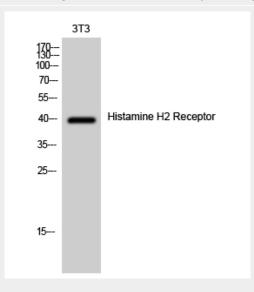
Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Histamine H2 Receptor Polyclonal Antibody - Images



Western Blot analysis of 3T3 cells using Histamine H2 Receptor Polyclonal Antibody



Western Blot analysis of 3T3 cells using Histamine H2 Receptor Polyclonal Antibody

Histamine H2 Receptor Polyclonal Antibody - Background

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 (By similarity).