

## Histamine H2 Receptor Polyclonal Antibody

Catalog # AP70324

### Specification

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#### Histamine H2 Receptor Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P25021</a>
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.

##### 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

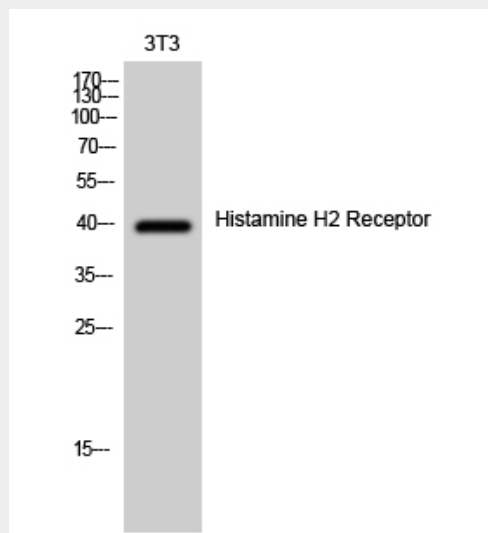
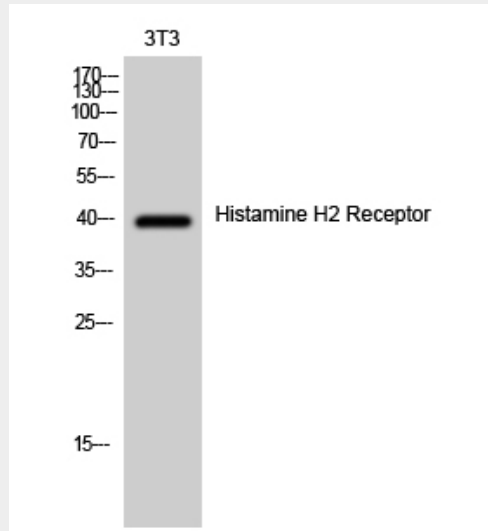
Cell membrane; Multi-pass membrane protein.

#### Histamine H2 Receptor Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Histamine H2 Receptor Polyclonal Antibody - Images



### 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).