

**Histamine H2 Receptor Polyclonal Antibody**  
**Catalog # AP70324****Specification**

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

Application	WB, IF
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.

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**

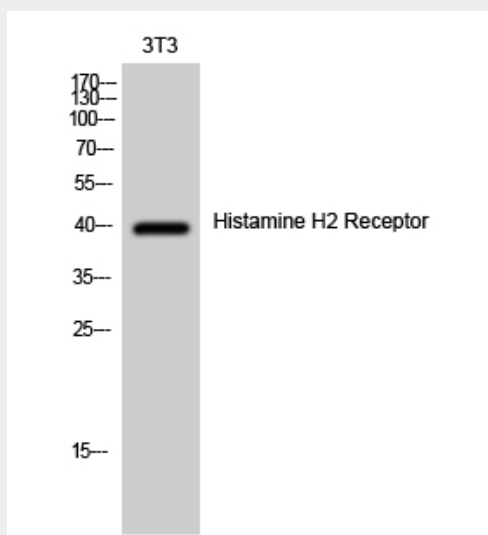
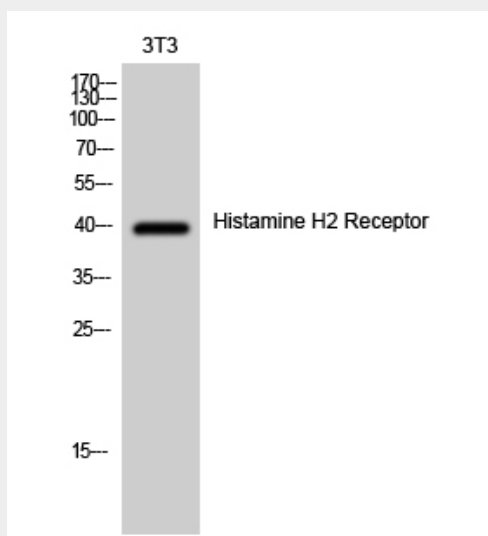
Cell membrane; Multi-pass membrane protein.

**Histamine H2 Receptor Polyclonal Antibody - Protocols**

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

- [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).