

## Histamine H2 Receptor Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03980
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HRH2. AA range:131-180
<b>Mol wt</b>	40098
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Histamine H2 Receptor Antibody
<b>Synonyms</b>	HRH2; Histamine H2 receptor; H2R; HH2R; Gastric receptor I

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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 HRH2.

### Recommended Dilution

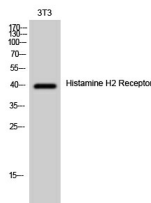
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

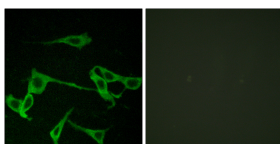
ELISA: 1: 5000

Not yet tested in other applications.

### Images



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



Immunofluorescence analysis of LOVO cells, using HRH2 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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