

Histamine H3 Receptor Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03981
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HRH3. AA range:291-340
Mol wt	48671
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Histamine H3 Receptor Antibody
Synonyms	HRH3; GPCR97; Histamine H3 receptor; H3R; HH3R; G-protein coupled receptor 97

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. HRH3 encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system.

Recommended Dilution

WB: 1: 500 - 1: 2000

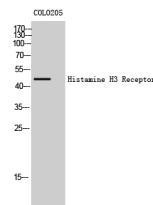
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

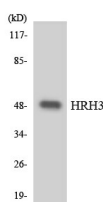
ELISA: 1: 5000

Not yet tested in other applications.

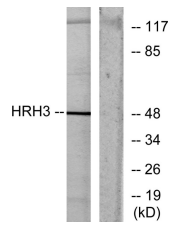
Images



Western Blot analysis of COLO205 cells using Histamine H3 Receptor Polyclonal Antibody



Western blot analysis of the lysates from RAW264.7 cells using HRH3 antibody.



Western blot analysis of lysates from COLO205 cells, using HRH3 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com