

# HRH3 Polyclonal Antibody

Catalog Number: E-AB-66834



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

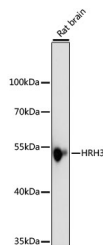
## Description

<b>Reactivity</b>	Rat
<b>Immunogen</b>	A synthetic peptide of human HRH3 (NP_009163.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
-----------	--------------

## Data



Western blot analysis of extracts of Rat brain using HRH3 Polyclonal Antibody at dilution of 1:1000.

**Observed MW:49kDa**

**Calculated**

**Mw:36kDa/40kDa/45kDa/47kDa/48kDa/49kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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. This gene 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.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017