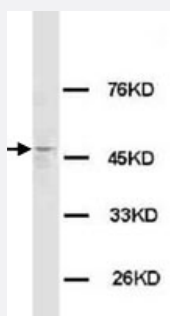


# HRH3 polyclonal antibody

Catalog # PAB12272      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western Blot analysis of HRH3 expression from rat brain tissue lysate with HRH3 polyclonal antibody (Cat # PAB12272).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of HRH3.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at C-terminus of human HRH3.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	48.6
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	Different to the related rat sequence by two amino acids.
<b>Form</b>	Lyophilized
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (0.75 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

**Storage Instruction**

Store at -20°C on dry atmosphere.  
After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western Blot analysis of HRH3 expression from rat brain tissue lysate with HRH3 polyclonal antibody (Cat # PAB12272).

## Gene Info — HRH3

**Entrez GeneID** [11255](#)

**Gene Name** HRH3

**Gene Alias** GPCR97, HH3R

**Gene Description** histamine receptor H3

**Omim ID** [604525](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** G protein-coupled receptor 97|OTTHUMP00000031459|histamine H3 receptor

## Publication Reference

- [International Union of Pharmacology. XIII. Classification of histamine receptors.](#)

Hill SJ, Ganellin CR, Timmerman H, Schwartz JC, Shankley NP, Young JM, Schunack W, Levi R, Haas HL.  
Pharmacological Reviews 1997 Sep; 49(3):253.

Application: Flow Cyt, IHC, WB, Human, Human brains

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Asthma](#)
- [Cognition](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)