

**HRH1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14425c****Specification**

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**HRH1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P35367](#)**HRH1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3269**Other Names**

Histamine H1 receptor, H1R, HH1R, HRH1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HRH1 Antibody (Center) Blocking Peptide - Protein Information****Name** HRH1**Function**

In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**HRH1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HRH1 Antibody (Center) Blocking Peptide - Images****HRH1 Antibody (Center) Blocking Peptide - 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 was thought to be intronless until recently. The protein encoded by this gene is an integral membrane protein and belongs to the G protein-coupled receptor superfamily. It mediates the contraction of smooth muscles, the increase in capillary permeability due to contraction of terminal venules, the release of catecholamine from adrenal medulla, and neurotransmission in the central nervous system. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq].

#### **HRH1 Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Notcovich, C., et al. Exp. Cell Res. 316(3):401-411(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)