



# Human HRH1 blocking peptide (CDBP1478)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-Histamine Receptor H1 (C Term) antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HRH1 histamine receptor H1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HRH1

<b>Synonyms</b>	HRH1; histamine receptor H1; histamine H1 receptor; H1R; HH1R; histamine H(1) receptor; histamine receptor, subclass H1; H1-R; hisH1;
<b>Entrez Gene ID</b>	<a href="#">3269</a>
<b>mRNA Refseq</b>	<a href="#">NM_000861</a>
<b>Protein Refseq</b>	<a href="#">NP_000852</a>
<b>UniProt ID</b>	P35367
<b>Chromosome Location</b>	3p25
<b>Pathway</b>	Amine ligand-binding receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
<b>Function</b>	G-protein coupled receptor activity; histamine binding; histamine receptor activity; receptor activity; signal transducer activity;