



Human HRH3 blocking peptide (CDBP1514)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HRH3 antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HRH3 histamine receptor H3 [Homo sapiens]
Official Symbol	HRH3
Synonyms	HRH3; histamine receptor H3; histamine H3 receptor; GPCR97; H3R; G protein-coupled

receptor 97; G-protein coupled receptor 97; HH3R;

Entrez Gene ID	11255
mRNA Refseq	NM_007232
Protein Refseq	NP_009163
UniProt ID	Q9Y5N1
Chromosome Location	20pter-p12.1
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Histamine receptors, organism-specific biosystem;
Function	G-protein coupled receptor activity; histamine receptor activity; receptor activity; signal transducer activity;