



Human HCRT2 blocking peptide (CDBP2131)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Orexin Receptor 2 antibody
Antigen Description	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRT1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]
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	HCRT2 hypocretin (orexin) receptor 2 [Homo sapiens (human)]
Official Symbol	HCRT2
Synonyms	HCRT2; hypocretin (orexin) receptor 2; OX2R; orexin receptor type 2; ox2-R; ox-2-R; orexin type-2 receptor; hypocretin receptor type 2;
Entrez Gene ID	3062

mRNA Refseq	NM_001526.3
Protein Refseq	NP_001517.2
UniProt ID	O43614
Chromosome Location	6p12
Pathway	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; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosyst
Function	neuropeptide receptor activity; orexin receptor activity; peptide hormone binding;