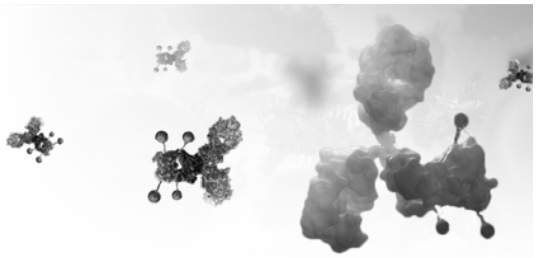

Human HCAR1 blocking peptide (CDBP1413)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GPR81/FKSG80 antibody
Antigen Description	G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.[supplied by OMIM, Feb 2005]
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	HCAR1 hydroxycarboxylic acid receptor 1 [Homo sapiens (human)]
Official Symbol	HCAR1
Synonyms	HCAR1; hydroxycarboxylic acid receptor 1; HCA1; GPR81; LACR1; FKSG80; GPR104; TA-GPCR; lactate receptor 1; G protein-coupled receptor 81; G-protein coupled receptor 81; G protein-coupled receptor 104; G-protein coupled receptor 104; hydroxy-carboxylic acid receptor 1; T-cell activation G protein-coupled receptor;
Entrez Gene ID	27198

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mRNA Refseq	NM_032554.3
Protein Refseq	NP_115943.1
UniProt ID	Q9BXC0
Chromosome Location	12q24.31
Pathway	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; Hydroxycarboxylic acid-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	G-protein coupled receptor activity;

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