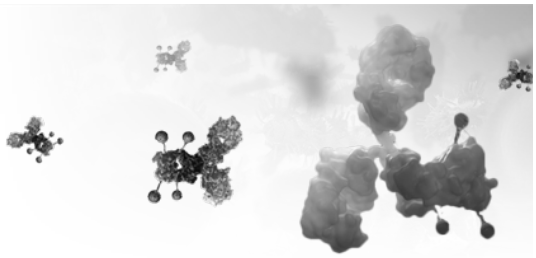

Human LHCGR blocking peptide (CDBP1746)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LHCGR antibody
Antigen Description	This gene encodes the receptor for both luteinizing hormone and choriogonadotropin. This receptor belongs to the G-protein coupled receptor 1 family, and its activity is mediated by G proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precocious puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pseudohermaphtoditism with Leydig cell hypoplasia. [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	LHCGR luteinizing hormone/choriogonadotropin receptor [Homo sapiens]
Official Symbol	LHCGR
Synonyms	LHCGR; luteinizing hormone/choriogonadotropin receptor; HHG, hypergonadotropic

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	hypogonadism; lutropin-choriogonadotropic hormone receptor; LCGR; LGR2; LHR; ULG5; hypergonadotropic hypogonadism; lutropin/choriogonadotropin receptor; HHG; LHRHR; LSH-R; LH/CGR; LH/CG-R; FLJ41504;
Entrez Gene ID	3973
mRNA Refseq	NM_000233
Protein Refseq	NP_000224
UniProt ID	P22888
Chromosome Location	2p21
Pathway	Arf6 signaling events, 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 (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
Function	ATPase binding; G-protein coupled peptide receptor activity; choriogonadotropin hormone receptor activity; luteinizing hormone receptor activity; peptide hormone binding; protein homodimerization activity; receptor activity; signal transducer activity;

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