



Human RXFP1 blocking peptide (CDBP1745)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LGR7 antibody
Antigen Description	This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane receptor superfamily. The encoded protein plays a critical role in sperm motility, pregnancy and parturition as a receptor for the protein hormone relaxin. Decreased expression of this gene may play a role in endometriosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
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	RXFP1 relaxin/insulin-like family peptide receptor 1 [Homo sapiens (human)]
Official Symbol	RXFP1
Synonyms	RXFP1; relaxin/insulin-like family peptide receptor 1; LGR7; RXFPR1; relaxin receptor 1; leucine-rich repeat-containing G protein-coupled receptor 7;

Entrez Gene ID	59350
mRNA Refseq	NM_001253727.1
Protein Refseq	NP_001240656.1
UniProt ID	B4DGP2
Chromosome Location	4q32.1
Pathway	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; GPCRs, Other, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Peptide ligand-
Function	G-protein coupled receptor activity; hormone binding; metal ion binding; protein binding;
