



# Human RXFP1 blocking peptide (CDBP1745)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-LGR7 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RXFP1 relaxin/insulin-like family peptide receptor 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RXFP1
<b>Synonyms</b>	RXFP1; relaxin/insulin-like family peptide receptor 1; LGR7; RXFPR1; relaxin receptor 1; leucine-rich repeat-containing G protein-coupled receptor 7;

<b>Entrez Gene ID</b>	<a href="#">59350</a>
<b>mRNA Refseq</b>	<a href="#">NM_001253727.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001240656.1</a>
<b>UniProt ID</b>	B4DGP2
<b>Chromosome Location</b>	4q32.1
<b>Pathway</b>	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-
<b>Function</b>	G-protein coupled receptor activity; hormone binding; metal ion binding; protein binding;