



# Anti-RXFP1 (aa 68-162) polyclonal antibody (DPAB-DC2679)

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

## PRODUCT INFORMATION

<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.
<b>Immunogen</b>	LGR7 (NP_067647, 68 a.a. ~ 162 a.a) partial recombinant protein with GST tag. The sequence is WSMQFDKYFASYYKMTSQYPFEAETPECLVGSVPVQCLCQGLELDCDETNLRAVPSVSSN VTAMSLQWNLIRKLPPDCFKNYHDLQKLYLQNNKI
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## 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>Protein Refseq</b>	<a href="#">NP_001240656</a>
<b>UniProt ID</b>	<a href="#">B4DGP2</a>
<b>Chromosome Location</b>	4q32.1
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Other; Neuroactive ligand-receptor interaction
<b>Function</b>	G-protein coupled receptor activity; hormone binding; metal ion binding; protein binding