



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

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

GENE INFORMATION

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