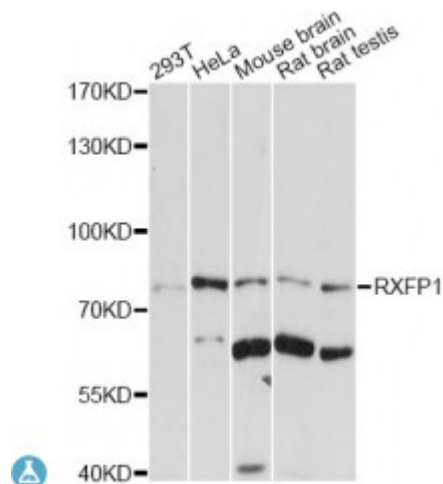


Anti-RXFP1 Antibody



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.

Model	STJ117834
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 673-757 of human RXFP1 (NP_067647.2).
Gene ID	59350
Gene Symbol	RXFP1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in the brain, kidney, testis, placenta, uterus, ovary, adrenal, prostate, skin and heart, Not detected in spleen
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Relaxin receptor 1 Leucine-rich repeat-containing G-protein coupled receptor 7 Relaxin family peptide receptor 1

Molecular Weight	86.975 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:19718OMIM:606654Reactome:R-HSA-418555
Alternative Names	Relaxin receptor 1 Leucine-rich repeat-containing G-protein coupled receptor 7 Relaxin family peptide receptor 1
Function	Receptor for relaxins, The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP, Binding of the ligand may also activate a tyrosine kinase pathway that inhibits the activity of a phosphodiesterase that degrades cAMP
Cellular Localization	Cell membrane

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