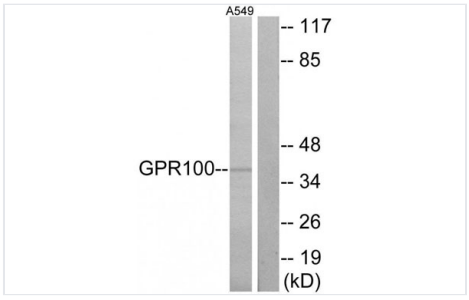
GPR100 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR100, Polyclonal Antibody
Full Product Name	GPR100 antibody
Product Gene Name	anti-GPR100 antibody
Product Synonym Names	Polyclonal GPR100; Anti-GPR100; Relaxin/Insulin-Like Family Peptide Receptor 4; Relaxin Family Peptide Receptor 4; G Protein-Coupled Receptor 100; Relaxin 3 Receptor 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Purified IgG in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (lot specific)
Specificity	GPR100 antibody detects endogenous levels of total GPR100 protein
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeated freeze-thaw cycles
Molecular Weight	41,141 Da
OMIM	609043
Immunogen	GPR100 antibody was raised in Rabbit using a synthesized peptide derived from C-terminal of human GPR100 as the immunogen
Product Categories/Family for anti-GPR100 antibody	Signal Transduction; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-GPR100 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-GPR100 antibody	WB: 1:500-1:1000 IF: 1:100-1:500 ELISA: 1:5000
Related Product Information for anti-GPR100 antibody	MBS839751 is an antibody targeting GPR100. Also known as GPR100 antibody. Host: Rabbit. Rabbit polyclonal GPR100 antibody
Other Notes	Small volumes of anti-GPR100 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GPR100 antibody
Western blot analysis of extracts from A549 cells using GPR100 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR100. It may not necessarily be applicable to this product.

NCBI GI #	32165514
NCBI GeneID	339403
NCBI Accession #	AAP72124.1
UniProt Secondary Accession #	Q3MJB1; Q8NGZ8; B0M0L4
UniProt Related Accession #	Q8TDU9
NCBI Official Full Name	G protein-coupled receptor 100
NCBI Official Synonym Full Names	relaxin/insulin-like family peptide receptor 4
NCBI Official Symbol	RXFP4
NCBI Official Synonym Symbols	GPR100; RLN3R2; RXFPR4; GPCR142
UniProt Protein Name	Relaxin-3 receptor 2
UniProt Synonym Protein Names	G-protein coupled receptor 100; G-protein coupled receptor GPCR142; Insulin-like peptide INSL5 receptor; Relaxin family peptide receptor 4
UniProt Gene Name	RXFP4
UniProt Synonym Gene Names	GPR100; RLN3R2; RLN3 receptor 2
UniProt Entry Name	RL3R2_HUMAN
NCBI Protein Information	relaxin-3 receptor 2
NCBI Summary for GPR100	GPR100 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008]
UniProt Comments for GPR100	RXFP4: High affinity receptor for INSL5. Also acts as receptor for RLN3/relaxin-3, as well as bradykinin and kallidin. Binding of the ligand inhibit cAMP accumulation. Belongs to the G-protein coupled receptor 1 family. Protein type: GPCR, family 1; Receptor, GPCR; Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 1q22 Cellular Component: plasma membrane; integral to membrane Molecular Function: protein binding; angiotensin type II receptor activity
Research Articles on GPR100	**1.** electrostatic interactions between INSL5 and RXFP4
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