GLP1R Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Glp1r, Polyclonal Antibody
Full Product Name	Glp1r Antibody, Biotin conjugated
Product Gene Name	anti-Glp1r antibody
Product Synonym Names	Glucagon-like peptide 1 receptor; GLP-1 receptor; GLP-1-R; GLP-1R; Glp1r
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: Glp1r (MBS7048277) Biotin Conjugated Antibody: Glp1r (MBS7048280)
Molecular Weight	53,028 Da
3D Structure	ModBase 3D Structure for O35659
Immunogen	Recombinant Mouse Glucagon-like peptide 1 receptor protein (24-145AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Biotin
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Glp1r antibody	ELISA (EIA)
Related Product Information for anti-Glp1r antibody	This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
Other Notes	Small volumes of anti-Glp1r 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.
Searchable Terms for Glp1r purchase	MBS7048280 is an antibody targeting Glp1r. Also known as Glp1r Antibody, Biotin conjugated. Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Glp1r. It may not necessarily be applicable to this product.

NCBI GI #	111378379
NCBI GeneID	14652

NCBI Accession #	NP_067307.2
UniProt Primary Accession #	O35659
UniProt Secondary Accession #	Q1JQR8
UniProt Related Accession #	O35659
GenBank Nucleotide #	NM_021332.2
NCBI Official Full Name	glucagon-like peptide 1 receptor
NCBI Official Synonym Full Names	glucagon-like peptide 1 receptor
NCBI Official Symbol	Glp1r
NCBI Official Synonym Symbols	GLP-1R; GLP1Rc
UniProt Protein Name	Glucagon-like peptide 1 receptor
Protein Family	Glucagon-like peptide 1 receptor
UniProt Gene Name	Glp1r
UniProt Synonym Gene Names	GLP-1 receptor; GLP-1-R; GLP-1R
UniProt Entry Name	GLP1R_MOUSE
NCBI Protein Information	glucagon-like peptide 1 receptor
UniProt Comments for Glp1r	GLP1R: This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Belongs to the G-protein coupled receptor 2 family. Protein type: GPCR, family 2; Membrane protein, integral; Membrane protein, multi-pass; Receptor, GPCR Cellular Component: integral to plasma membrane Molecular Function: peptide hormone binding; peptide receptor activity; peptide receptor activity, G-protein coupled; receptor activity Biological Process: associative learning; cAMP-mediated signaling; elevation of cytosolic calcium ion concentration; feeding behavior; G-protein signaling, adenylate cyclase activating pathway; hormone secretion; insulin secretion; learning and/or memory; memory; negative regulation of apoptosis; negative regulation of neuron apoptosis; neuropeptide signaling pathway; positive regulation of blood pressure; positive regulation of cell differentiation; positive regulation of cell proliferation; positive regulation of heart contraction; positive regulation of insulin secretion; positive regulation of transcription from RNA polymerase II promoter; regulation of calcium ion transport; regulation of heart contraction; release of sequestered calcium ion into cytosol; response to glucose stimulus; response to stress
Research Articles on Glp1r	**1.** CB1 activation negatively impacts GLP-1R-mediated insulin secretion.
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