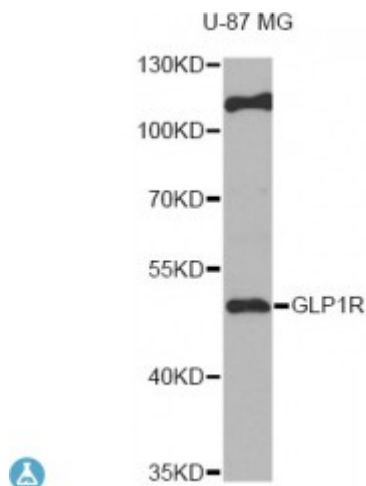


Anti-GLP1R Antibody



Description

This gene encodes a 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone, which stimulates glucose-induced insulin secretion. This receptor, which functions at the cell surface, becomes internalized in response to GLP-1 and GLP-1 analogs, and it plays an important role in the signaling cascades leading to insulin secretion. It also displays neuroprotective effects in animal models. Polymorphisms in this gene are associated with diabetes. The protein is an important drug target for the treatment of type 2 diabetes and stroke. Alternative splicing of this gene results in multiple transcript variants.

Model	STJ115925
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-116 of human GLP1R (NP_002053.3).
Gene ID	2740
Gene Symbol	GLP1R
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Glucagon-like peptide 1 receptor GLP-1 receptor GLP-1-R GLP-1R
Molecular Weight	53.026 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:4324OMIM:138032Reactome:R-HSA-381676
Alternative Names	Glucagon-like peptide 1 receptor GLP-1 receptor GLP-1-R GLP-1R
Function	G-protein coupled receptor for glucagon-like peptide 1 (GLP-1) ,
Cellular Localization	Cell membrane
Post-translational Modifications	N-glycosylation enhances cell surface expression and lengthens receptor half-life by preventing degradation in the ER,

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