



Rabbit Anti-Rat GLP1R (aa 101-200) polyclonal antibody (DPAB-JXL23239)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH conjugated synthetic peptide derived from rat GLP-1R aa 101-200
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	WB, ELISA Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Cellular Localization	Cytoplasm; Cell membrane
Format	Purified, Liquid
Concentration	1.0 mg/mL
Size	100 µl
Buffer	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Store at -20°C. Avoid multiple freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

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.

GENE INFORMATION

Synonyms

GLP-1R; GLP1Rc; Glucagon-like peptide 1 receptor; GLP-1 receptor; GLP-1-R; Glp1r, GLP1R_RAT

Entrez Gene ID

[25051](#)

UniProt ID

[P32301](#)
