

GLP1R Polyclonal Antibody

Catalog No.	A13990	Category	Polyclonal Antibodies
Applications	WB, IHC	Observed MW	53kDa
Cross-reactivity	Human, Rat	Calculated MW	53kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-116 of human GLP1R (NP_002053.3).
Gene ID	2740
Swiss prot	P43220
Synonyms	GLP1R; GLP-1; GLP-1-R; GLP-1R; glucagon-like peptide 1 receptor

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

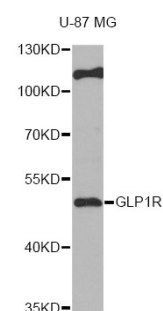
Background

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.

Recommended Dilutions

WB 1:500 -
1:2000

IHC 1:50 -
1:100



Western blot - GLP1R Polyclonal Antibody (A13990)