

GLP1R Rabbit Polyclonal Antibody

Catalog No: #29668

Package Size: #29668-1 50ul #29668-2 100ul

Description

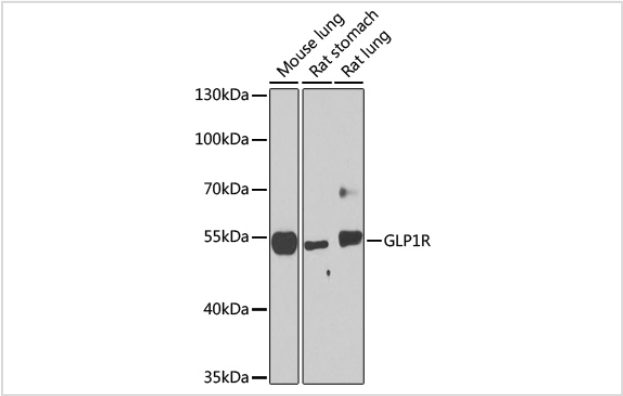
Product Name	GLP1R Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GLP1R (NP_002053.3).
Conjugates	Unconjugated
Other Names	GLP1R;GLP-1;GLP-1-R;GLP-1R
Accession No.	Swiss Prot:P43220GenelD:2740
Calculated MW	53kDa
SDS-PAGE MW	53kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

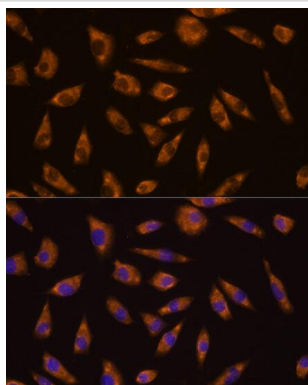
WB 1:500 - 1:2000

IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using GLP1R at 1:1000 dilution.



Immunofluorescence analysis of L929 cells using GLP1R antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.