



GLP-1R Polyclonal Antibody

Catalog No	YP-Ab-13274
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	GLP1R
Immunogen	The antiserum was produced against synthesized peptide derived from human GLP1R. AA range:101-150
Specificity	GLP-1R Polyclonal Antibody detects endogenous levels of GLP-1R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GLP 1 R;GLP 1 receptor;GLP 1R;GLP-1 receptor;GLP-1R;GLP1R;Glucagon-like peptide 1 receptor;GLP-1-R
Observed Band	53kD
Calculated Molecular Weight	53kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Gastric carcinoma,Insulinoma,Pancreas,Pancreatic islet,Placenta,
Function	function:This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.,online information:Glucagon-like peptide 1 entry,similarity:Belongs to the G-protein coupled receptor 2 family.,
Background	glucagon like peptide 1 receptor(GLP1R) Homo sapiens 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. [provided by RefSeq, Apr 2016],

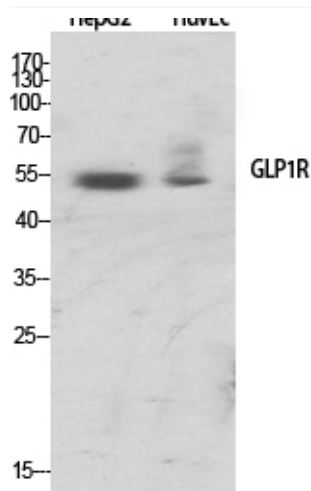
matters needing attention

Avoid repeated freezing and thawing!

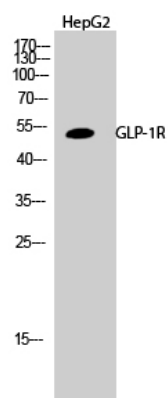
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

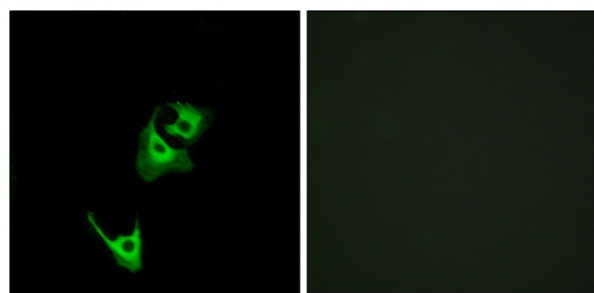
Products Images



Western Blot analysis of various cells using GLP-1R Polyclonal Antibody



Western Blot analysis of HepG2 cells using GLP-1R Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using GLP1R Antibody. The picture on the right is blocked with the synthesized peptide.