



# GLP-1R Polyclonal Antibody

<b>Catalog No</b>	BYab-13274
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	GLP1R
<b>Protein Name</b>	Glucagon-like peptide 1 receptor
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GLP1R. AA range:101-150
<b>Specificity</b>	GLP-1R Polyclonal Antibody detects endogenous levels of GLP-1R protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	GLP1R; Glucagon-like peptide 1 receptor; GLP-1 receptor; GLP-1-R; GLP-1R
<b>Observed Band</b>	53kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Gastric carcinoma,Insulinoma,Pancreas,Pancreatic islet,Placenta,
<b>Function</b>	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.,
<b>Background</b>	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

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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**

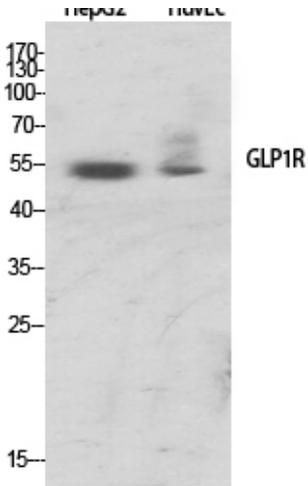
Avoid repeated freezing and thawing!

**Usage suggestions**

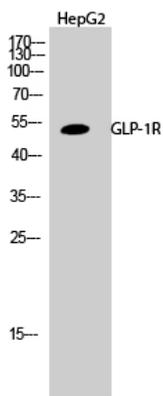
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



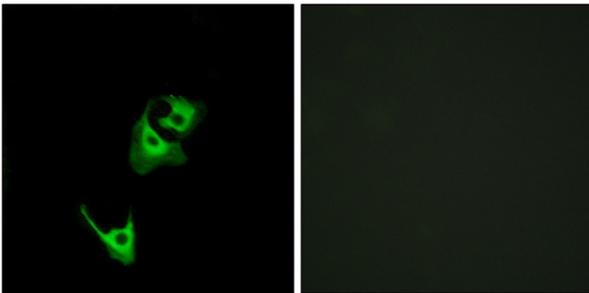
## Products Images



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.