

GLP1R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09514
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of GLP1R
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml
Full name	Glucagon-like peptide 1 receptor
Synonyms	Glucagon-like peptide 1 receptor ;GLP-1 receptor;GLP-1-R;GLP-1R; GLP1R; Glucagon-like peptide 1 receptor; GLP-1 receptor; GLP-1-R; GLP-1R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

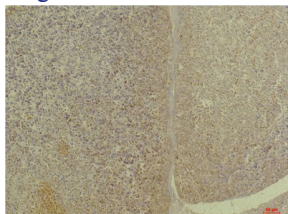
WB: 1: 500 - 1000

IHC: 1: 50 - 100

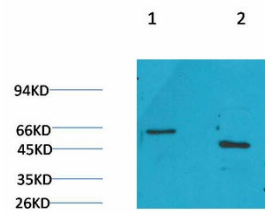
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human Pancreas Tissue using GLP1R Rabbit pAb diluted at 1:200.



Western blot analysis of 1) Rat Brain Tissue, 2) Mouse Brain Tissue with GLP1R Rabbit pAb diluted at 1:2,000.

Storage

-20°C for 1 year

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