

## GLP-1R Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03587
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GLP1R. AA range:101-150
<b>Mol wt</b>	53060
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GLP-1R Antibody
<b>Synonyms</b>	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

GLP1R encodes a 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone, which stimulates glucose-induced insulin secretion. Glucagon-like peptide 1 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. Glucagon-like peptide 1 receptor 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

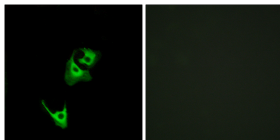
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

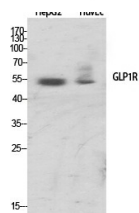
ELISA: 1: 5000

Not yet tested in other applications.

### Images

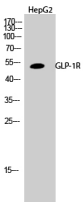


Immunofluorescence analysis of HeLa cells, using GLP1R Antibody. The picture on the right is blocked with the synthesized peptide.



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

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



**Storage**

-20°C for one year

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