

## GLP1R Polyclonal antibody

Catalog Number: 26196-1-AP

Featured Product

18 Publications

## Basic Information

## Catalog Number:

26196-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG23529

## GenBank Accession Number:

BC112126

## GeneID (NCBI):

2740

## UNIPROT ID:

P43220

## Full Name:

glucagon-like peptide 1 receptor

## Calculated MW:

463 aa, 53 kDa

## Observed MW:

53 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

## Tested Applications:

WB, IHC, ELISA

## Cited Applications:

WB, IP, IF, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : mouse pancreas tissue, rat pancreas tissue

IHC : mouse lung tissue,

## Background Information

GLP1R (glucagon-like peptide-1 receptor) is a G protein-coupled receptor belonging to the secretin receptor super-family, also known as class B (PMID:34911028). GLP1R is widely distributed in pancreatic islets, muscles, gastrointestinal tract, lung, liver, pancreas, and other tissues or organs (PMID:35989517). Moreover, GLP1R agonist has been reported to induce autophagy of EC (Endometrial carcinoma) cells, and high GLP1R expression may be associated with good prognosis of EC patients, suggesting that GLP1R is likely to participate in the progression of EC (PMID:29907137).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ran Li	36238196	Drug Des Devel Ther	WB
Qiuyu Wang	30301245	Int J Mol Sci	WB
Bing Cao	34817756	Metab Brain Dis	IF, WB

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

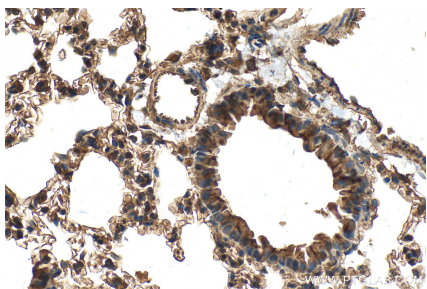
For technical support and original validation data for this product please contact:

T: 4006900926

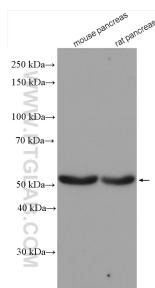
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 26196-1-AP (GLP1R antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 26196-1-AP (GLP1R antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.