# **GLP-1 Rabbit mAb**

Catalog No.: A4981 Recombinant 1 Publications



## **Basic Information**

#### **Observed MW**

Calculated MW

21kDa

Category

Primary antibody

**Applications** 

IF-P,IHC-P,ELISA

**Cross-Reactivity** 

Mouse, Rat

CloneNo number

ARC1142

## **Background**

The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon.

## **Recommended Dilutions**

**IF-P** 1:50 - 1:200

**IHC-P** 1:50 - 1:200

ELISA Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the

concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**2641

Swiss Prot
P01275

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

#### **Synonyms**

GLP1; GLP2; GRPP; GLP-1

## **Contact**

<u>a</u>	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
$\odot$	www.abclonal.com.cn

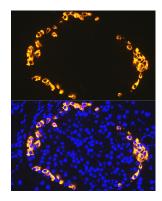
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

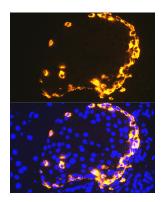
#### **Storage**

Store at -20°C. Avoid freeze / thaw cycles.

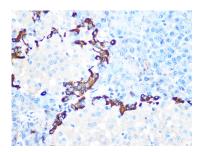
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



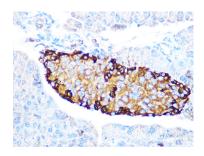
Immunofluorescence analysis of Rat pancreas using GLP-1 Rabbit mAb (A4981) at a a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunofluorescence analysis of Mouse pancreas using GLP-1 Rabbit mAb (A4981) at a a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffinembedded Rat pancreas tissue using GLP-1 Rabbit mAb (A4981) at a dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse pancreas tissue using GLP-1 Rabbit mAb (A4981) at a dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.