

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 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 2641	Swiss Prot P01275
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Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
GLP1; GLP2; GRPP; GLP-1

Contact

☎ | 400-999-6126

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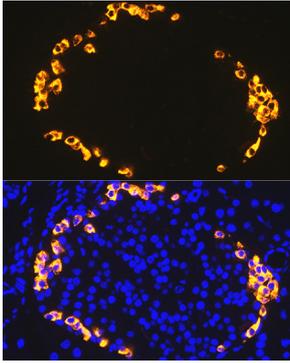
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Product Information

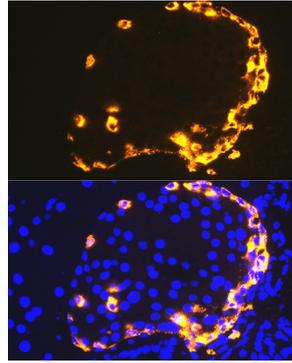
Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

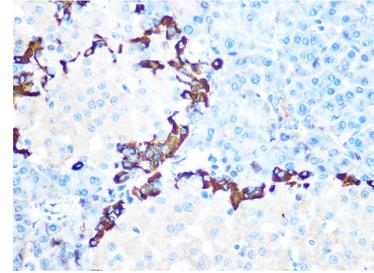
Validation Data



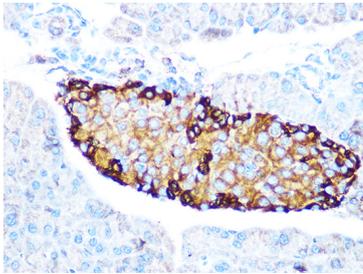
Immunofluorescence analysis of paraffin-embedded Rat pancreas using GLP-1 Rabbit mAb (A4981) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M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



Immunofluorescence analysis of paraffin-embedded Mouse pancreas using GLP-1 Rabbit mAb (A4981) at 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 paraffin-embedded 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 paraffin-embedded 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.