

GLP1R Rabbit mAb

Catalog No.: A29398 **Recombinant**

Basic Information

Observed MW

46 kDa/66 kDa

Calculated MW

53 kDa

Category

Primary antibody

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC83581

Background

Predicted to enable glucagon receptor activity; glucagon-like peptide 1 receptor activity; and peptide hormone binding activity. Involved in several processes, including learning or memory; positive regulation of blood pressure; and response to psychosocial stress. Acts upstream of or within with a positive effect on hormone secretion. Acts upstream of or within post-translational protein targeting to membrane, translocation. Predicted to be active in plasma membrane. Is expressed in several structures, including central nervous system; genitourinary system; gut; liver; and lung. Human ortholog(s) of this gene implicated in obesity. Orthologous to human GLP1R (glucagon like peptide 1 receptor).

Recommended Dilutions

WB 1:4000 - 1:10000**IF-P** 1:100 - 1:800**IHC-P** 1:500 - 1:6000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn

Immunogen Information

Gene ID

14652

Swiss Prot

O35659

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GLP-1R; GLP1Rc

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

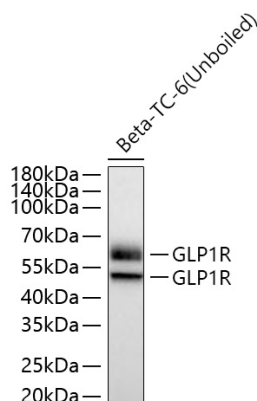
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

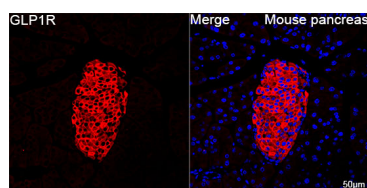


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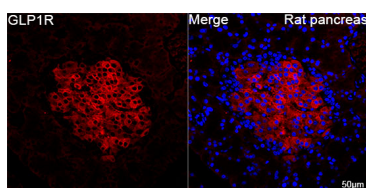
Validation Data



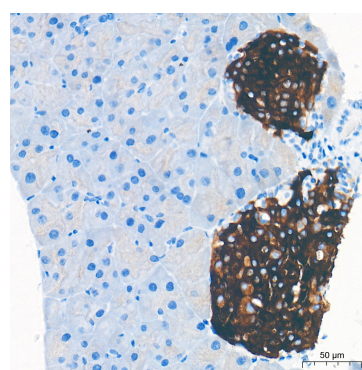
Western blot analysis of lysates from Beta-TC-6 cells using GLP1R Rabbit mAb (A29398) at 1:10000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 45 s.



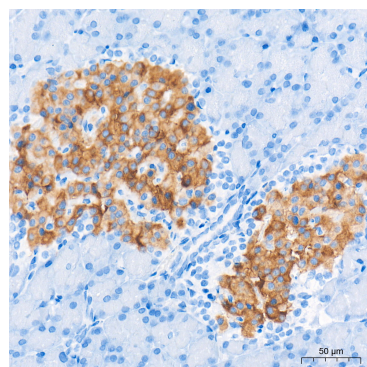
Confocal imaging of paraffin-embedded Mouse pancreas tissue using GLP1R Rabbit mAb (A29398, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Rat pancreas tissue using GLP1R Rabbit mAb (A29398, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas tissue using GLP1R Rabbit mAb (A29398) at a dilution of 1:1800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat pancreas tissue using GLP1R Rabbit mAb (A29398) at a dilution of 1:1800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.