

For Research Use Only

GCGR Polyclonal antibody

Catalog Number: 26784-1-AP

5 Publications



Basic Information

Catalog Number:

26784-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24861

GenBank Accession Number:

BC104854

GeneID (NCBI):

2642

UNIPROT ID:

P47871

Full Name:

glucagon receptor

Calculated MW:

477 aa, 54 kDa

Observed MW:

62-68 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, IHC, IF

Species Specificity:

human, mouse

Cited Species:

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 liver tissue, mouse heart tissue

IHC : human liver tissue, human skeletal muscle tissue

Background Information

Glucagon receptor (GCGR) is a secretin-like (class B) family of G-protein coupled receptors (GPCRs). It plays an important role in elevating the glucose concentration in the blood and has thus become one of the promising therapeutic targets for treating type 2 diabetes mellitus (PMID: 26236379). GCGR is a 62-kDa glycoprotein that contains at least four N-linked oligosaccharide chains (PMID: 2174441; 15245877). Defects in the gene of GCGR cause non-insulin-dependent diabetes mellitus (NIDDM).

Notable Publications

Author	Pubmed ID	Journal	Application
Kangli Wang	36383639	Am J Physiol Endocrinol Metab	WB,IF
Xiaona Cui	35789836	iScience	WB,IF
Jing Xu	31306684	Toxicology	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:

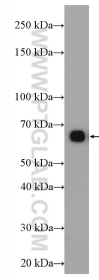
T: 4006900926

E: Proteintech-CN@ptglab.com

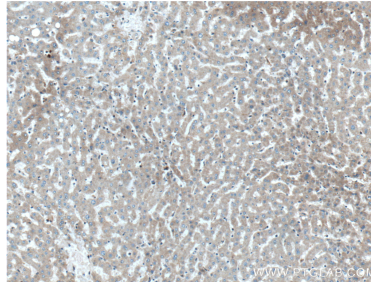
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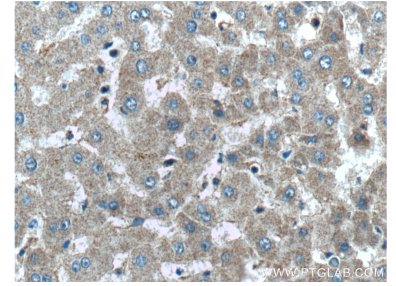
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 26784-1-AP (GCGR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26784-1-AP (GCGR antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26784-1-AP (GCGR antibody) at dilution of 1:200 (under 40x lens).