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GCGR Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8908c

Specification

GCGR Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P47871, Q61606, P30082
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**179-210**

GCGR Antibody (Center) - Additional Information

Other Names
Glucagon receptor, GL-R, GCGR

Target/Specificity
This GCGR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human GCGR.

Dilution
WB~~1:2000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GCGR Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GCGR Antibody (Center) - Protein Information

GCGR Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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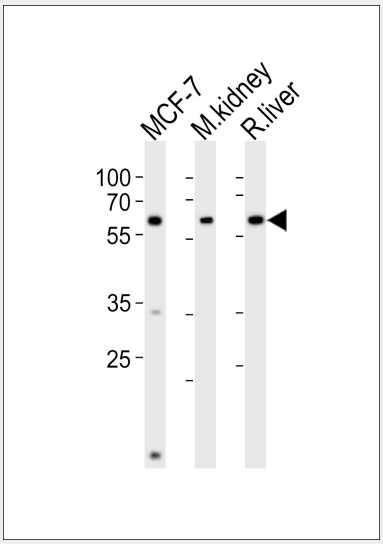
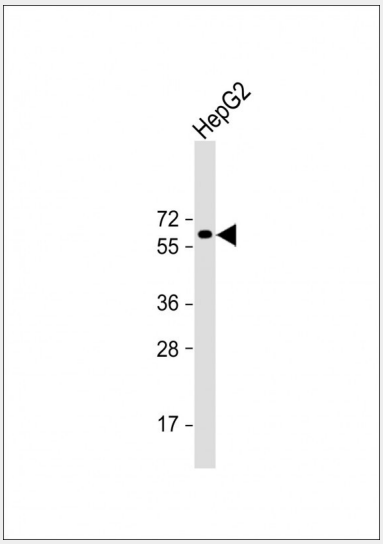
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GCGR Antibody (Center) - Images



Western blot analysis of lysates from MCF-7 cell line, mouse kidney, rat liver tissue (from left to right), using GCGR Antibody (Center) (Cat. #AP8908c). AP8908c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



Anti-GCGR Antibody (Center) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

GCGR Antibody (Center) - Background

This is a receptor for glucagon which plays a central role in regulating the level of blood glucose by

controlling the rate of hepatic glucose production and insulin secretion. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.