

GCGR / Glucagon Receptor Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10184**Specification**

GCGR / Glucagon Receptor Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P47871
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

GCGR / Glucagon Receptor Antibody (N-Terminus) - Additional Information**Gene ID** 2642**Other Names**

Glucagon receptor, GL-R, GCGR

Target/Specificity

Human Glucagon Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GCGR / Glucagon Receptor Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GCGR / Glucagon Receptor Antibody (N-Terminus) - Protein Information**Name** GCGR**Function**

G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Is rapidly internalized after ligand-binding

Volume

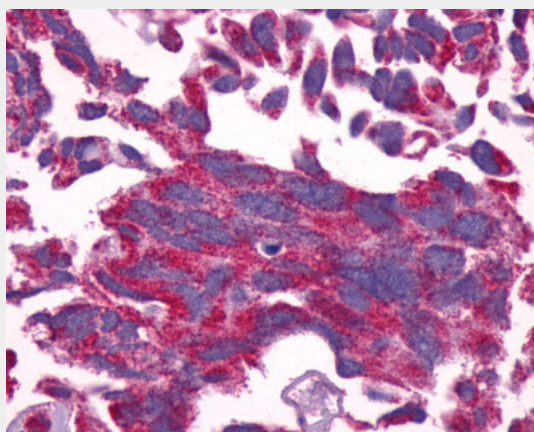
50 µl

GCGR / Glucagon Receptor Antibody (N-Terminus) - Protocols

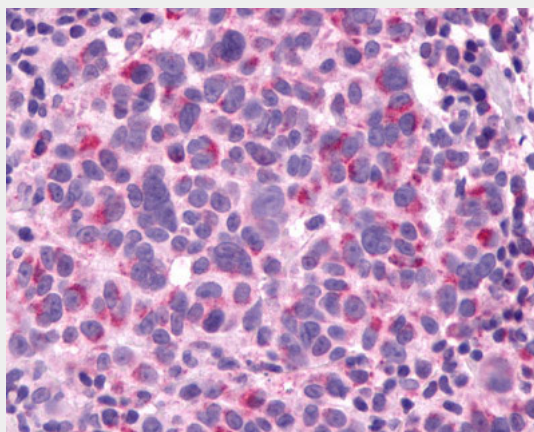
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GCGR / Glucagon Receptor Antibody (N-Terminus) - Images



Anti-GCGR / Glucagon Receptor antibody IHC of human Prostate, Carcinoma.



Anti-GCGR / Glucagon Receptor antibody IHC of human Skin, Melanoma.

GCGR / Glucagon Receptor Antibody (N-Terminus) - Background

G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine

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GCGR / Glucagon Receptor Antibody (N-Terminus) - References

Macneil D.J., et al. Biochem. Biophys. Res. Commun. 198:328-334(1994).
Lok S., et al. Gene 140:203-209(1994).
Menzel S., et al. Genomics 20:327-328(1994).
Buggy J.J., et al. Diabetes 46:1400-1405(1997).
Ruckert C., et al. J. Biol. Chem. 281:2306-2316(2006).