

Glucagon Receptor Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51226**Specification**

Glucagon Receptor Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P47871
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62 KDa

Glucagon Receptor Antibody - Additional Information**Gene ID** 2642**Other Names**

Glucagon receptor, GL-R, GCGR

Dilution

WB~~1:1000

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Glucagon Receptor Antibody - 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

Glucagon Receptor Antibody - 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](#)

Glucagon Receptor Antibody - Images

Glucagon Receptor Antibody - Background

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Glucagon Receptor Antibody - References

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Menzel S., et al. Genomics 20:327-328(1994).
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Ruckert C., et al. J. Biol. Chem. 281:2306-2316(2006).