

## Rabbit Glucagon Receptor Polyclonal Antibody | anti-GCGR antibody

Glucagon Receptor Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA294905</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

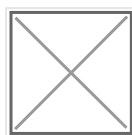
### PRODUCT SYNONYMS

Glucagon Receptor; Polyclonal Antibody; Glucagon Receptor Polyclonal Antibody; GCGR; Glucagon receptor; GL-R; anti-GCGR antibody

### PRODUCT SPECIFICATIONS

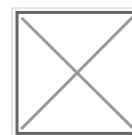
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-GCGR antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                            |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000.  
Not yet tested in other applications.



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### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GCGR antibody | 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. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 4503947        |
| NCBI GeneID               | 2642           |
| NCBI Accession #          | NP_000151.1    |
| NCBI GenBank Nucleotide # | NM_000160.3    |
| UniProt Accession #       | P47871; Q2M3M5 |
| Molecular Weight          | 54,009 Da      |

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI Official Full Name          | glucagon receptor       |
| NCBI Official Synonym Full Names | glucagon receptor       |
| NCBI Official Symbol             | GCGR                    |
| NCBI Official Synonym Symbols    | GGR                     |
| NCBI Protein Information         | glucagon receptor; GL-R |
| UniProt Protein Name             | Glucagon receptor       |
| UniProt Gene Name                | <b>GCGR</b>             |
| UniProt Synonym Gene Names       | GL-R                    |
| UniProt Entry Name               | GLR_HUMAN               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glucagon-receptor-antibody-immunofluorescence-western-blot-elisa/294905>