

## Rabbit GRB10 Polyclonal Antibody | anti-GRB10 antibody

Rabbit anti-GRB10 (pY67) Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA221190</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

GRB10; Polyclonal Antibody; Rabbit anti-GRB10 (pY67) Antibody; GRBIR; KIAA0207; Growth factor receptor-bound protein 10; GRB10 adapter protein; Insulin receptor-binding protein Grb-IR; anti-GRB10 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-GRB10 antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                     |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GRB10. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of GRB10 (pY67) staining in PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of GRB10 (pY67) expression in HEK293T insulin-treated (A), mouse spleen (B), PC12 insulin-treated (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-GRB10 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 48762693 |
| NCBI GeneID | 2887     |

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_001001549.1</a>                                                                                                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001001549.2</a>                                                                                                                              |
| UniProt Accession #              | <a href="#">Q13322</a> ; <a href="#">Q60760</a> ; <a href="#">P0CE43</a>                                                                                    |
| Molecular Weight                 | 67,231 Da                                                                                                                                                   |
| NCBI Official Full Name          | growth factor receptor-bound protein 10 isoform b                                                                                                           |
| NCBI Official Synonym Full Names | growth factor receptor-bound protein 10                                                                                                                     |
| NCBI Official Symbol             | GRB10                                                                                                                                                       |
| NCBI Official Synonym Symbols    | RSS; IRBP; MEG1; GRB-IR; Grb-10                                                                                                                             |
| NCBI Protein Information         | growth factor receptor-bound protein 10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR |
| UniProt Protein Name             | Growth factor receptor-bound protein 10                                                                                                                     |
| UniProt Gene Name                | <b>GRB10</b>                                                                                                                                                |
| UniProt Synonym Gene Names       | GRBIR; KIAA0207                                                                                                                                             |
| UniProt Entry Name               | GRB10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/grb10-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221190>