

# Grb14 Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14986

## Product Information

---

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                              |
| <b>Primary Accession</b> | <a href="#">O88900</a>                                                          |
| <b>Other Accession</b>   | <a href="#">NM_031623</a> , <a href="#">NP_113811</a>                           |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine |
| <b>Predicted</b>         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine |
| <b>Host</b>              | Rabbit                                                                          |
| <b>Clonality</b>         | Polyclonal                                                                      |
| <b>Calculated MW</b>     | 60593                                                                           |

## Additional Information

---

|                                     |                                                                                                                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                      | 58844                                                                                                                                                                                          |
| <b>Other Names</b>                  | Growth factor receptor-bound protein 14, GRB14 adapter protein, Grb14                                                                                                                          |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                              |
| <b>Reconstitution &amp; Storage</b> | Add 50 ul of distilled water. Final anti-Grb14 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| <b>Precautions</b>                  | Grb14 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                               |

## Protein Information

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | Grb14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>          | Adapter protein which modulates coupling of cell surface receptor kinases with specific signaling pathways. Binds to, and suppresses signals from, the activated insulin receptor (INSR). Potent inhibitor of insulin-stimulated MAPK3 phosphorylation. Plays a critical role regulating PDPK1 membrane translocation in response to insulin stimulation and serves as an adapter protein to recruit PDPK1 to activated insulin receptor, thus promoting PKB/AKT1 phosphorylation and transduction of the insulin signal (By similarity). |
| <b>Cellular Location</b> | Cytoplasm {ECO:0000250 UniProtKB:Q14449}. Endosome membrane {ECO:0000250 UniProtKB:Q14449}; Peripheral membrane protein                                                                                                                                                                                                                                                                                                                                                                                                                   |

{ECO:0000250|UniProtKB:Q14449}. Note=Upon insulin stimulation, translocates to the plasma membrane. {ECO:0000250|UniProtKB:Q14449}

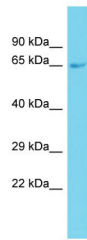
## References

---

Kasus-Jacobi A.,et al.J. Biol. Chem. 273:26026-26035(1998).

## Images

---



Host: Rabbit  
Target Name: Grb14  
Sample Tissue: Rat Testis lysates  
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.