

Grb14 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14986**Specification**

Grb14 Antibody - middle region - Product Information

Application	WB
Primary Accession	O88900
Other Accession	NM_031623 , NP_113811
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

Grb14 Antibody - middle region - Additional Information**Gene ID** 58844**Other Names**

Growth factor receptor-bound protein 14, GRB14 adapter protein, Grb14

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

Grb14 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Grb14 Antibody - middle region - Protein Information**Name** Grb14**Function**

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).

Cellular Location

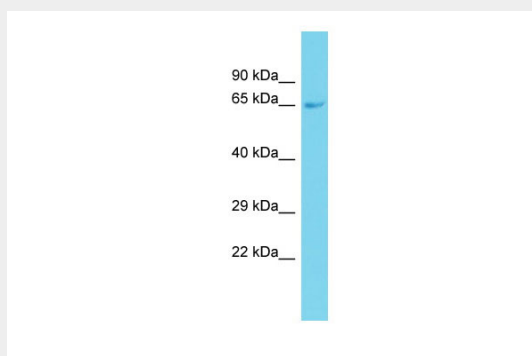
Cytoplasm {ECO:0000250|UniProtKB:Q14449}. Endosome membrane {ECO:0000250|UniProtKB:Q14449}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q14449}. Note=Upon insulin stimulation, translocates to the plasma membrane. {ECO:0000250|UniProtKB:Q14449}

Grb14 Antibody - middle region - 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](#)

Grb14 Antibody - middle region - Images



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

Grb14 Antibody - middle region - References

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