

GRB14 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51245**Specification**

GRB14 Antibody - Product Information

Application	WB, IP, IHC-P, E
Primary Accession	Q14449
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61 KDa

GRB14 Antibody - Additional Information**Gene ID** 2888**Other Names**

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

Dilution

WB~~1:1000

IP~~N/A

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

GRB14 Antibody - 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.

Cellular Location

Cytoplasm. Endosome membrane; Peripheral membrane protein. Note=Upon insulin stimulation, translocates to the plasma membrane.

Tissue Location

Expressed at high levels in the liver, kidney, pancreas, testis, ovary, heart and skeletal muscle

GRB14 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](#)

GRB14 Antibody - Images**GRB14 Antibody - Background**

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GRB14 Antibody - References

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