

GDI2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16207**Specification**

GDI2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P50395
Other Accession	NM_001494 , NP_001485
Reactivity	Human, Mouse, Pig, Sheep, Horse, Guinea Pig
Predicted	Human, Mouse, Pig, Chicken, Sheep, Horse, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa kDa

GDI2 antibody - C-terminal region - Additional Information**Gene ID 2665**Alias Symbol **RABGDIB****Other Names**

Rab GDP dissociation inhibitor beta, Rab GDI beta, Guanosine diphosphate dissociation inhibitor 2, GDI-2, GDI2, RABGDIB

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-GDI2 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

GDI2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GDI2 antibody - C-terminal region - Protein Information**Name** GDI2**Synonyms** RABGDIB**Function**

GDP-dissociation inhibitor preventing the GDP to GTP exchange of most Rab proteins. By keeping these small GTPases in their inactive GDP-bound form regulates intracellular membrane trafficking (PubMed:25860027). Negatively regulates protein transport to the cilium and ciliogenesis through the inhibition of

RAB8A (PubMed:25860027).

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein. Golgi apparatus, trans-Golgi network

Tissue Location

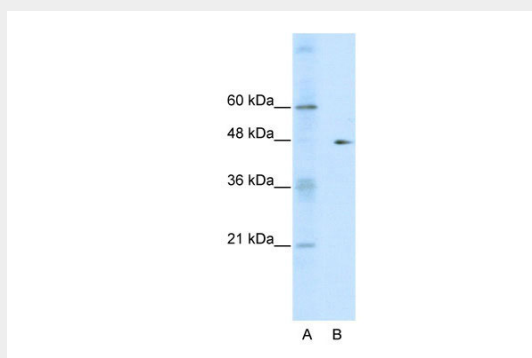
Ubiquitous..

GD12 antibody - C-terminal 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](#)

GD12 antibody - C-terminal region - Images



WB Suggested Anti-GD12 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

GD12 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

GD12 antibody - C-terminal region - Background

Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.

GD12 antibody - C-terminal region - References

Asada M.,et al.Submitted (APR-1993) to the EMBL/GenBank/DDBJ databases.
Sedlacek Z.,et al.Mamm. Genome 9:78-80(1998).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).