10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GDI2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16864

Specification

GDI2 Antibody - Product Information

Application	**IHC, WB**
Primary Accession	P50395
Other Accession	2665
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**50663**

GDI2 Antibody - Additional Information

Gene ID 2665

Other Names
GDI2, GDP dissociation inhibitor 2, GDI-2, Rab GDI beta, RABGDIB

Target/Specificity
Human GDI2

Reconstitution & Storage
PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Precautions
GDI2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GDI2 Antibody - 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

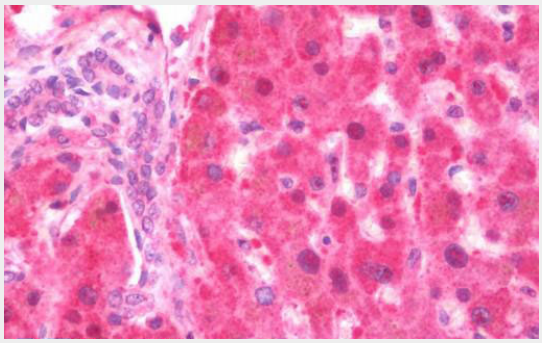
Tissue Location
Ubiquitous..

GDI2 Antibody - Protocols

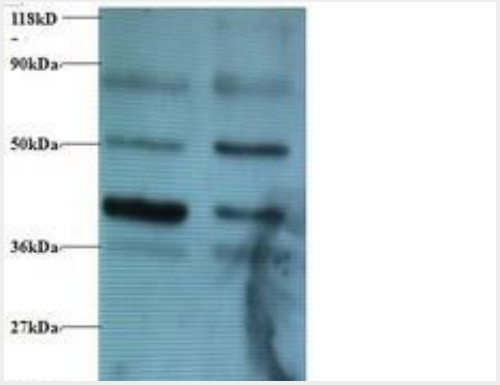
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GDI2 Antibody - Images



Anti-GDI2 antibody IHC staining of human liver.



Lane 1 : 293T whole cell lysate.

GDI2 Antibody - 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.

GDI2 Antibody - 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).