

GDI1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51228

Specification

GDI1 Antibody - Product Information

Application	WB, E
Primary Accession	P31150
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55 KDa

GDI1 Antibody - Additional Information

Gene ID 2664

Other Names

Rab GDP dissociation inhibitor alpha, Rab GDI alpha, Guanosine diphosphate dissociation inhibitor 1, GDI-1, Oligophrenin-2, Protein XAP-4, GDI1, GDIL, OPHN2, RABGDIA, XAP4

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GDI1. The exact sequence is proprietary.

Dilution

WB~~1:1000

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

GDI1 Antibody - Protein Information

Name GDI1

Synonyms GDIL, OPHN2, RABGDIA, XAP4

Function

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. Promotes the dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation. Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes.

Cellular Location

Cytoplasm. Golgi apparatus, trans-Golgi network

Tissue Location

Brain; predominant in neural and sensory tissues.

GDI1 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](#)

GDI1 Antibody - Images**GDI1 Antibody - Background**

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GDI1 Antibody - References

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Chen E.Y., et al. Hum. Mol. Genet. 5:659-668(1996).
Feng Z., et al. Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Kitano T., et al. Mol. Biol. Evol. 20:1281-1289(2003).