

**GDI-1 Polyclonal Antibody**  
Catalog # AP73217

**Specification**

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**GDI-1 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31150</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**GDI-1 Polyclonal Antibody - Additional Information**

**Gene ID** 2664

**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**GDI-1 Polyclonal Antibody - Protein Information**

**Name** GDIL

**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**

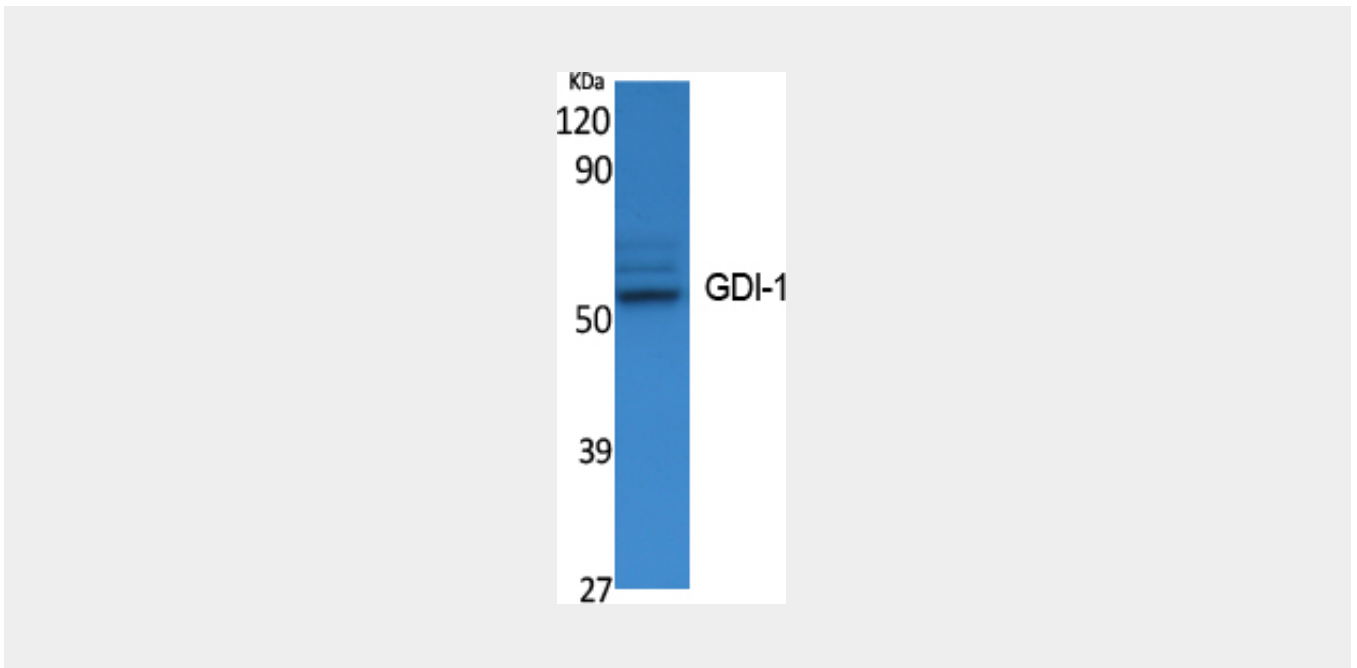
Brain; predominant in neural and sensory tissues.

## GDI-1 Polyclonal 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](#)

## GDI-1 Polyclonal Antibody - Images



## GDI-1 Polyclonal 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. 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.