

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

GDI-1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P31150
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GDI-1 Polyclonal Antibody - Additional Information**Gene ID** 2664**Other Names**

GDI1; 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** 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.

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.