

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.



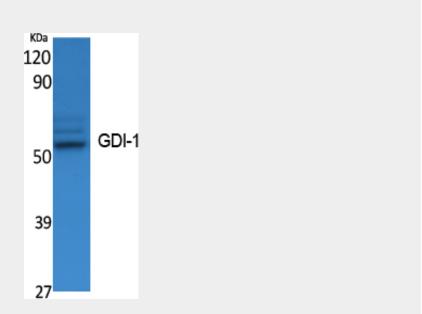
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GDI-1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

GDI-1 Polyclonal Antibody - Images



Western Blot analysis of extracts from K562 cells, using GDI-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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.