

GDI-2 Polyclonal Antibody
Catalog # AP73500**Specification**

GDI-2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P50395
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GDI-2 Polyclonal Antibody - Additional Information**Gene ID** 2665**Other Names**

GDI2; RABGDIB; Rab GDP dissociation inhibitor beta; Rab GDI beta; Guanosine diphosphate dissociation inhibitor 2; GDI-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. 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-2 Polyclonal 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. Golgi apparatus, trans-Golgi network

Tissue Location

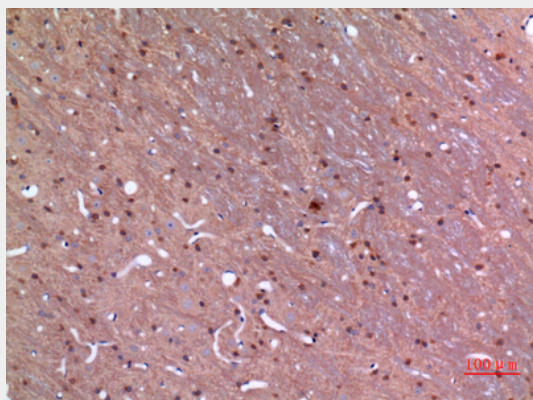
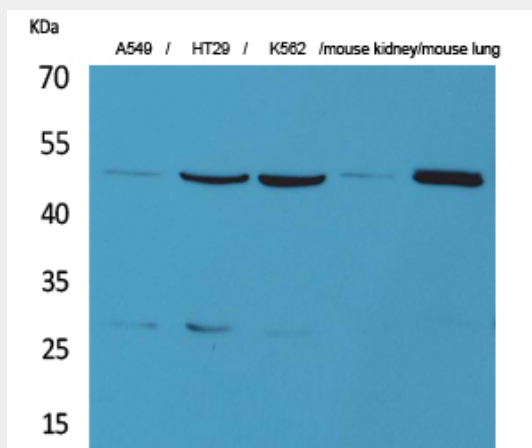
Ubiquitous..

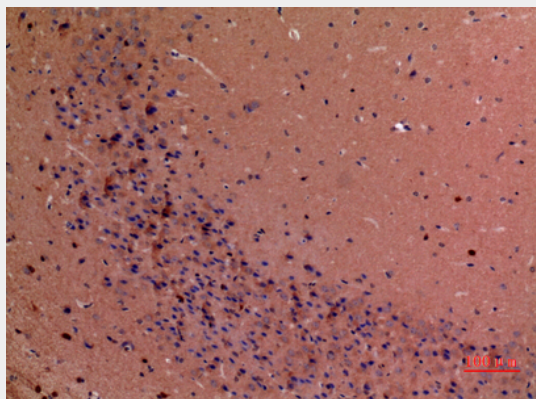
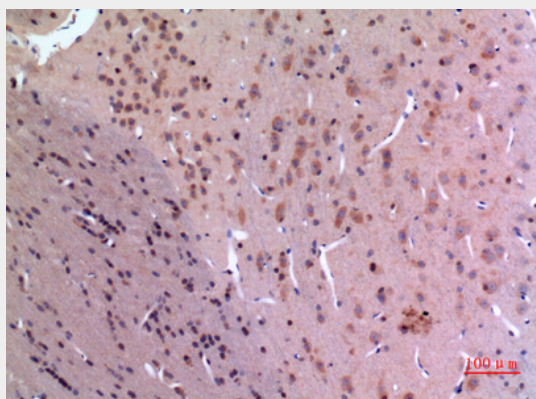
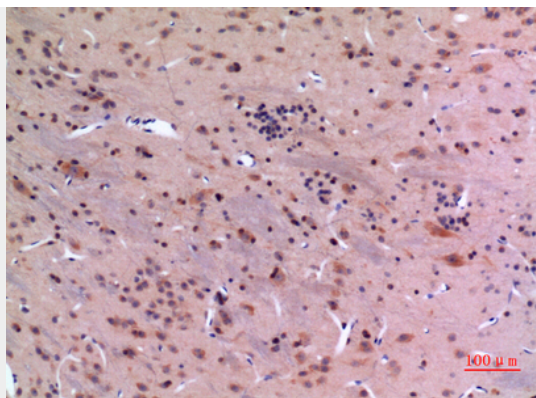
GDI-2 Polyclonal Antibody - Protocols

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-2 Polyclonal Antibody - Images





GDI-2 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.