

Datasheet for ABIN7166949
anti-GDI1 antibody (AA 35-170)[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | GDI1 |
| Binding Specificity: | AA 35-170 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GDI1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Rab GDP dissociation inhibitor alpha protein (35-170AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | GDI1 |
| Alternative Name: | GDI1 (GDI1 Products) |
| Background: | 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 |

Target Details

dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation.
Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes.
Aliases: 1A antibody, FLJ41411 antibody, GDI-1 antibody, gdi1 antibody, GDIA_HUMAN antibody, GDIL antibody, GDP dissociation inhibitor 1 antibody, Guanosine diphosphate dissociation inhibitor 1 antibody, Mental retardation X-linked 41 antibody, Mental retardation X-linked 48 antibody, MRX41 antibody, MRX48 antibody, Oligophrenin 2 antibody, Oligophrenin-2 antibody, OPHN2 antibody, Protein XAP 4 antibody, Protein XAP-4 antibody, Protein XAP4 antibody, Rab GDI alpha antibody, Rab GDP dissociation inhibitor alpha antibody, RABGD1A antibody, RABGDIA antibody, XAP 4 antibody

UniProt: [P31150](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

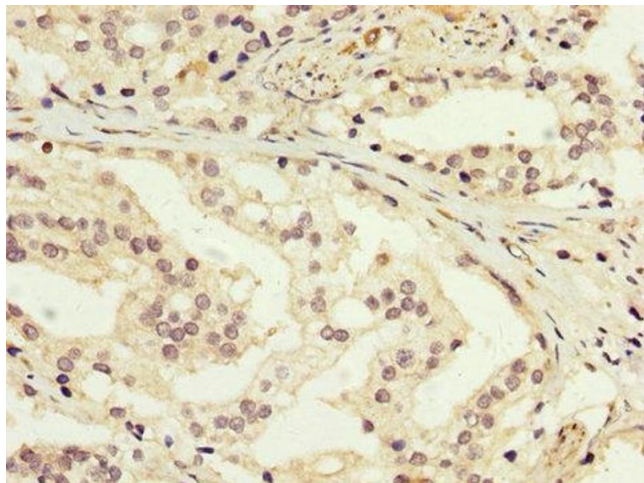
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

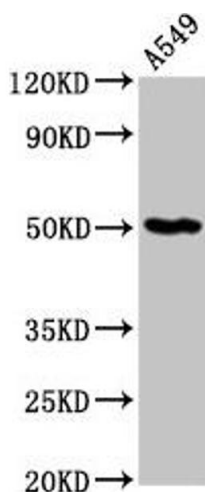
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



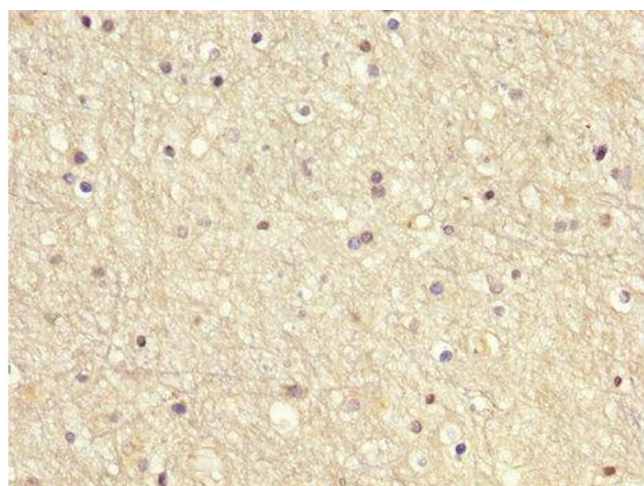
Immunohistochemistry

Image 1. IHC image of ABIN7166949 diluted at 1:200 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: GDI1 antibody at 6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 51 kDa Observed band size: 51 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7166949 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7166949.