

Datasheet for ABIN7167911
anti-ARHGDIG antibody (AA 1-225)

5 Images

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Overview

Quantity:	100 µg
Target:	ARHGDIG
Binding Specificity:	AA 1-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGDIG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Rho GDP-dissociation inhibitor 3 protein (1-225AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	ARHGDIG
Alternative Name:	ARHGDIG (ARHGDIG Products)
Background:	Background: Inhibits GDP/GTP exchange reaction of RhoB. Interacts specifically with the GDP- and GTP-bound forms of post-translationally processed Rhob and Rhog proteins, both of which

Target Details

show a growth-regulated expression in mammalian cells. Stimulates the release of the GDP-bound but not the GTP-bound RhoB protein. Also inhibits the GDP/GTP exchange of RhoB but shows less ability to inhibit the dissociation of prebound GTP.

Aliases: Arhgdig antibody, GDIR3_HUMAN antibody, OTTHUMP00000067353 antibody, OTTHUMP00000194914 antibody, Rho GDI 3 antibody, Rho GDI gamma antibody, Rho GDP dissociation inhibitor (GDI) gamma antibody, Rho GDP dissociation inhibitor 3 antibody, Rho GDP dissociation inhibitor gamma antibody, Rho GDP-dissociation inhibitor 3 antibody, Rho-GDI gamma antibody, RHOGDI 3 antibody, RhoGDI gamma antibody, RHOGDI3 antibody

UniProt: [Q99819](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

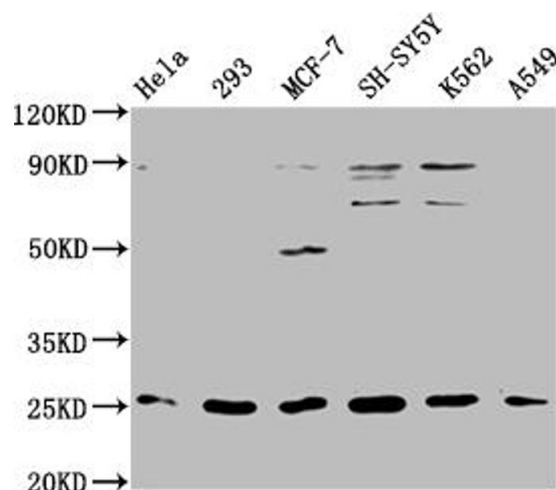
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



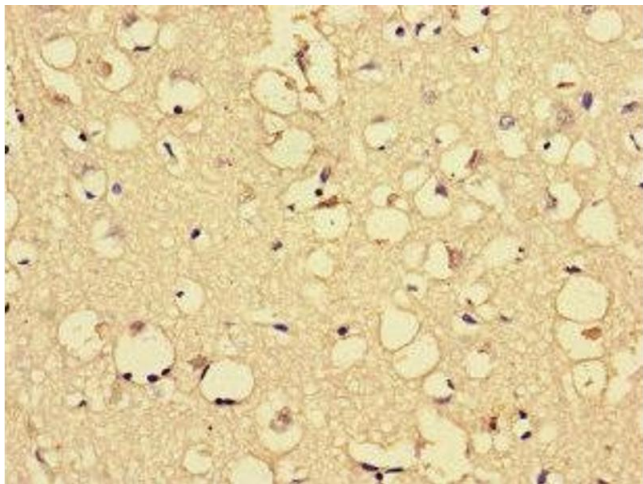
Western Blotting

Image 1. Western Blot Positive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, MCF-7 whole cell lysate, SH-SY5Y whole cell lysate, K562 whole cell lysate, A549 whole cell lysate. All lanes: ARHGDI G antibody at 1:2000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 26 kDa. Observed band size: 26 kDa.



Western Blotting

Image 2. Western blot. All lanes: ARHGDI G antibody at 2 μ g/mL. Lane 1: Mouse brain tissue. Lane 2: Mouse lung tissue. Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 25 kDa. Observed band size: 25, 50 kDa.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7167911 at dilution of 1:100.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7167911.