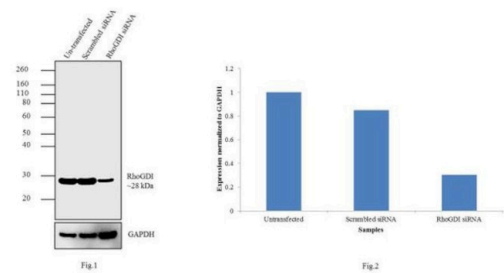


# RhoGDI Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Bovine, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 25 amino acid synthetic peptide derived from the N-terminus of the human Rho-GDI-alpha protein. This sequence is identical to the bovine sequence.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533895

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Images For RhoGDI Polyclonal Antibody



RhoGDI Antibody (51-1000Z)

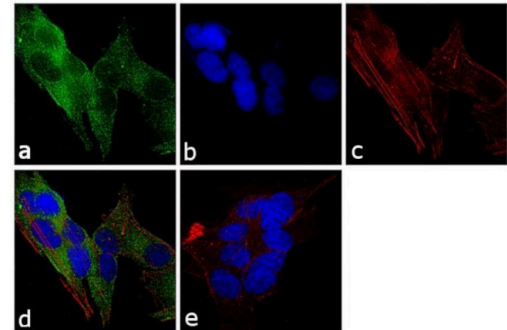
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with RhoGDI siRNA and loss of signal was observed in Western Blot using Anti-RhoGDI Polyclonal Antibody (Product # 51-1000Z). {KD}

RhoGDI Antibody (51-1000Z) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of MCF-7 (Lane 1), HeLa (Lane 2), HL-60 (Lane 3), K-562 (Lane 4), U-937 (Lane 5), THP-1 (Lane 6) and U-87 MG (Lane 7). The blot was probed with Anti-RhoGDI Rabbit Polyclonal Antibody (Product # 51-1000Z, 2 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). A 28 kDa band corresponding to RhoGDI was observed across the cell lines and tissues tested. Known quantity of protein samples were electrophoresed using Novex®NuPAGE®4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

RhoGDI Antibody (51-1000Z) in ICC/IF

Immunofluorescence analysis of RhoGDI Polyclonal Antibody was performed using 70% confluent log phase SH-SY5Y cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with RhoGDI Rabbit Polyclonal Antibody (Product # 51-1000Z) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



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