

A1214

Leader in Biomolecular Solutions for Life Science



[KO Validated] RhoGDI Rabbit pAb

Catalog No.: A1214

KO Validated

6 Publications

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a protein that plays a key role in the regulation of signaling through Rho GTPases. The encoded protein inhibits the disassociation of Rho family members from GDP (guanine diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important in a variety of cellular processes, and expression of this gene may be altered in tumors. Mutations in this gene have been found in individuals with nephrotic syndrome, type 8. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

396

Swiss Prot

P52565

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-204 of human RhoGDI (NP_001172006.1).

Synonyms

GDIA1; NPHS8; RHOGDI; RHOGDI-1; HEL-S-47e; DI

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

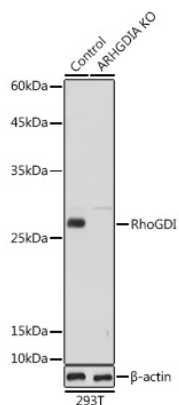
Affinity purification

Storage

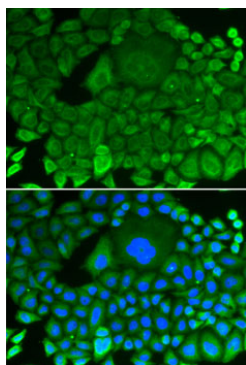
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and RhoGDI knockout (KO) 293T cells, using [KO Validated] RhoGDI Rabbit pAb (A1214) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of HeLa cells using [KO Validated] RhoGDI Rabbit pAb (A1214). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.