[KO Validated] RhoGDI Rabbit pAb

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Catalog No.: A1214 KO Validated 6 Publications

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Primary 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

1:50 - 1:200 IF/ICC

Recommended starting **ELISA** concentration is 1 µg/mL.

> Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 396 P52565

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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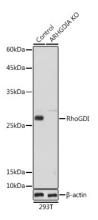
Product Information

Source Isotype **Purification** lgG Rabbit Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



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.

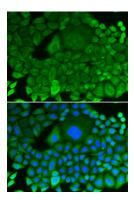
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg 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.