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[KO Validated] RhoGDI Rabbit mAb

Catalog No.: A11556 KO Validated Recombinant

Basic Information

Observed MW
26kDa

Calculated MW
23kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC0629

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

Immunogen Information

Gene ID
396

Swiss Prot
P52565

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 70-150 of human RhoGDI (P52565).

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

Contact

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Product Information

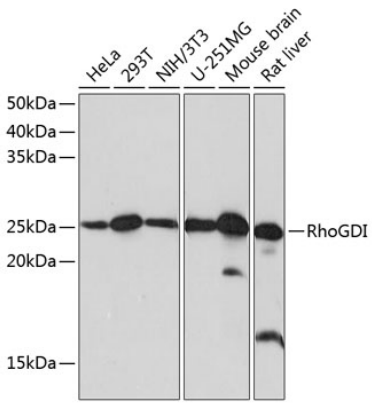
Source
Rabbit

Isotype
IgG

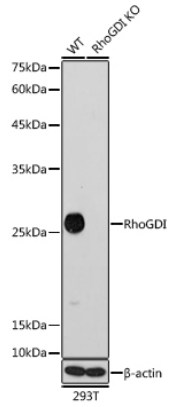
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using RhoGDI Rabbit mAb (A11556) at 1： 1000 dilution.
Secondary antibody: HRP 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: 10s.



Western blot analysis of extracts from wild type (WT) and RhoGDI knockout (KO) 293T cells, using RhoGDI antibody (A11556) at 1:1000 dilution.
Secondary antibody: HRP 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: 30s.