

Rabbit anti-Human RhoGDI Monoclonal Antibody | anti-ARHGDI2 antibody

[KO Validated] RhoGDI Rabbit mAb

CATALOG # AAA282629	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

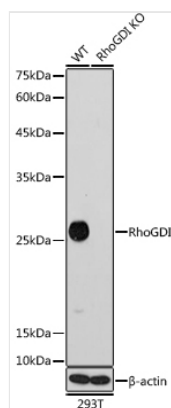
PRODUCT SYNONYMS

RhoGDI; Monoclonal Antibody; [KO Validated] RhoGDI Rabbit mAb; GDIA1; NPHS8; RHOGDI; RHOGDI-1; HEL-S-47e; DI; anti-ARHGDI2 antibody

PRODUCT SPECIFICATIONS

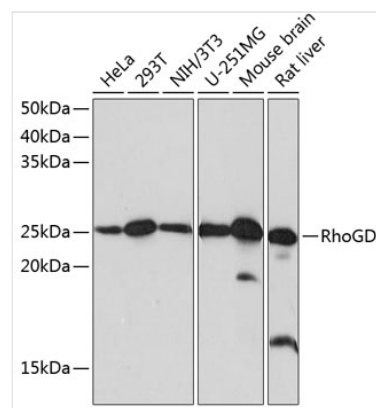
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	VVVTGLTLVC SSAPGPLELD LTGDLESFKK QSFVLKEGVE YRIKISFRVN REIVSGMKYI QHTYRKGVKI DKTDYMGVSY G
Applicable Applications for anti-ARHGDI2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 70-150 of human RhoGDI (P52565).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and RhoGDI knockout (KO) 293T cells, using [KO Validated] RhoGDI Rabbit mAb (AAA282629) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates using RhoGDI Rabbit mAb (AAA282629) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDIa antibody	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.
Product Categories/Family for anti-ARHGDIa antibody	Signal Transduction; G protein signaling; Small G proteins; Cell Biology Developmental Biology; Cytoskeleton; Extracellular Matrix; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374782
NCBI GeneID	396
NCBI Accession #	NP_001172006.1
NCBI GenBank Nucleotide #	NM_001185077.1
UniProt Accession #	P52565; Q6IBM5; B2R5X1
Molecular Weight	Calculated MW: 23kDa Observed MW: 26kDa
UniProt Protein Name	Rho GDP-dissociation inhibitor 1
UniProt Gene Name	ARHGDIa
UniProt Synonym Gene Names	GDIA1; Rho GDI 1
UniProt Entry Name	GDIR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.