

Rabbit ARHGDIA Polyclonal Antibody | anti-ARHGDIA antibody

ARHGDIA Polyclonal Antibody

CATALOG # AAA281067	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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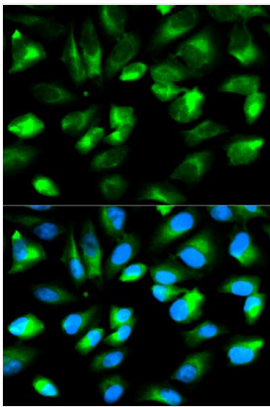
PRODUCT SYNONYMS

ARHGDIA; Polyclonal Antibody; ARHGDIA Polyclonal Antibody; GDIA1; HEL-S-47e; NPHS8; RHOGDI; RHOGDI-1; anti-ARHGDIA antibody

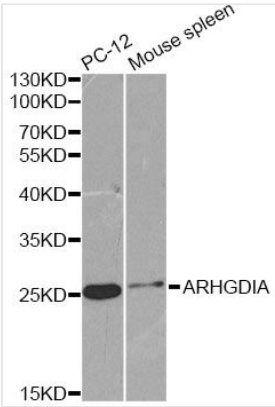
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAEQEPTAEQ LAQIAAENEE DEHSVNYKPP AQKSIQEIQE LDKDDESLRK YKEALLGRVA VSADPNVNPV VVTGLTLVCS SAPGPLELDL TGDLESFKKQ SFVLKEGVEY RIKISFRVNR EIVSGMKYIQ HTYRKGVKID KTDYMGVGSYG PRAEYEFLT PVEEAPKGML ARGSYSIKSR FTDDDKTDHL SWEWNLTIKK DWKD
Sequence Length	204
Applicable Applications for anti-ARHGDIA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ARHGDIA
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using ARHGDI2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ARHGDI2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDI2 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-ARHGDI2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374782
NCBI GeneID	396
NCBI Accession #	NP_001172006.1
NCBI GenBank Nucleotide #	NM_001185077.2
UniProt Accession #	P52565 ; Q6IBM5 ; A8MXW0 ; B2R5X1 ; B4DDD3 ; B4DUV9
Molecular Weight	Calculated: 18kDa; 23kDa Observed: 26kDa
NCBI Official Full Name	rho GDP-dissociation inhibitor 1 isoform a
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor alpha
NCBI Official Symbol	ARHGDI2
NCBI Official Synonym Symbols	GDIA1; NPHS8; RHOGDI; RHOGDI-1; HEL-S-47e
NCBI Protein Information	rho GDP-dissociation inhibitor 1
UniProt Protein Name	Rho GDP-dissociation inhibitor 1
UniProt Gene Name	ARHGDI2
UniProt Synonym Gene Names	GDIA1; Rho GDI 1

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.

