

Rabbit ARHGDIA Polyclonal Antibody | anti-ARHGDIA antibody

ARHGDIA Antibody (C-term)

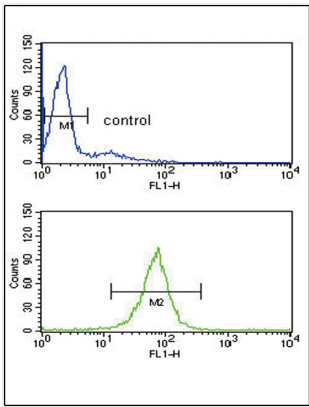
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288187	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

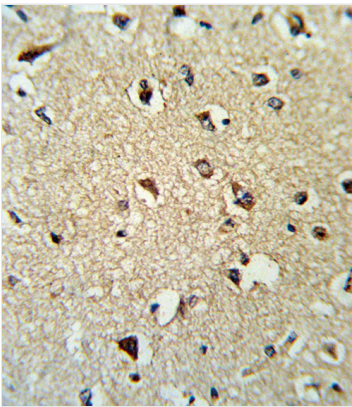
ARHGDIA; Polyclonal Antibody; ARHGDIA Antibody (C-term); Rho GDP-dissociation inhibitor 1; Rho GDI 1; Rho-GDI alpha; GDIA1; anti-ARHGDIA antibody

PRODUCT SPECIFICATIONS

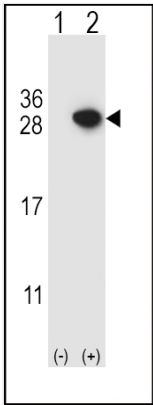
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARHGDIA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-140 amino acids from the C-terminal region of human ARHGDIA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	112-140
Sequence Length	204
Applicable Applications for anti-ARHGDIA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



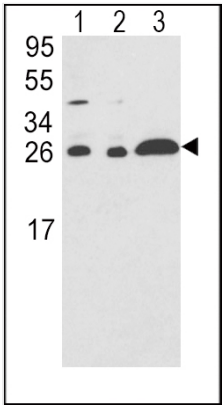
FCM/FACS (Flow Cytometry)
ARHGDI2 Antibody (C-term) flow cytometry analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with ARHGDI2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ARHGDI2 (arrow) using rabbit polyclonal ARHGDI2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ARHGDI2 gene.



WB (Western Blot)
Western blot analysis of ARHGDI2 Antibody (C-term) in A375 (lane 1), HL-60 (lane 2), Ramos (lane 3) cell line lysates (35ug/lane). ARHGDI2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDI2 antibody	ARHGDI2 Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.
Product Categories/Family for anti-ARHGDI2 antibody	Signal Transduction
References	Qiao,J., etc, Am. J. Physiol., Cell Physiol. 295 (5), C1161-C1168 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374782
NCBI GeneID	396
NCBI Accession #	NP_001172006.1; NP_001172007.1; NP_004300.1
NCBI GenBank Nucleotide #	NM_001185077.2
UniProt Accession #	P52565; Q6IBM5; A8MXW0; B2R5X1; B4DDD3; B4DUV9
Molecular Weight	23207

NCBI Official Full Name	rho GDP-dissociation inhibitor 1 isoform a
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor (GDI) alpha
NCBI Official Symbol	ARHGDIA
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	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgdia-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288187>