

Rabbit anti-Human ARHGDIG Polyclonal Antibody | anti-ARHGDIG antibody

ARHGDIG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325075	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ARHGDIG; Polyclonal Antibody; ARHGDIG Antibody; Arhgdig; GDIR3_HUMAN; OTTHUMP00000067353; OTTHUMP00000194914; Rho GDI 3; Rho GDI gamma; Rho GDP dissociation inhibitor (GDI) gamma; Rho GDP dissociation inhibitor 3; Rho GDP dissociation inhibitor gamma; Rho GDP-dissociation inhibitor 3; Rho-GDI gamma; RHOGDI 3; RhoGDI gamma; RHOGDI3; anti-ARHGDIG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ARHGDIG antibody detects endogenous levels of total ARHGDIG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	225
Applicable Applications for anti-ARHGDIG antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Primarily expressed in pancreas and brain.
Predicted Cross Reactivity	Pig, Bovine
Similarity	Pig (89%), Bovine (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325075 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A549/Jurkat cells, using ARHGDIG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDIG antibody

Function: Inhibits GDP/GTP exchange reaction of RhoB. Interacts specifically with the GDP-and GTP-bound forms of post-translationally processed Rhob and Rhog proteins, both of which show a growth-regulated expression in mammalian cells. Stimulates the release of the GDP-bound but not the GTP-bound RhoB protein. Also inhibits the GDP/GTP exchange of RhoB but shows less ability to inhibit the dissociation of prebound GTP. Similarity: Belongs to the Rho GDI family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83313661
NCBI GeneID	398
NCBI Accession #	NP_001167.2
NCBI GenBank Nucleotide #	NM_001176.3
UniProt Accession #	Q99819; Q4TT69; Q96S29
Molecular Weight	Observed: 25 kD Predicted: 26 kDa
NCBI Official Full Name	rho GDP-dissociation inhibitor 3
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor gamma
NCBI Official Symbol	ARHGDIG
NCBI Official Synonym Symbols	RHOGDI-3
NCBI Protein Information	rho GDP-dissociation inhibitor 3
UniProt Protein Name	Rho GDP-dissociation inhibitor 3
UniProt Gene Name	ARHGDIG
UniProt Synonym Gene Names	Rho GDI 3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgdig-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325075>