

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

ARHGDIG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231244	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ARHGDIG; Polyclonal Antibody; ARHGDIG Antibody; Rho GDP-dissociation inhibitor 3Rho GDI 3; Rho-GDI gamma; anti-ARHGDIG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	225
Applicable Applications for anti-ARHGDIG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Rho GDP-dissociation inhibitor 3 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6910
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of mcf-7 cells using AAA231244 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



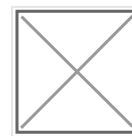
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231244 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231244 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes :ARHGDIG antibody at 2 ug/mL Lane 1 : Mouse brain tissue Lane 2 : Mouse lung tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 25 kDa Observed band size: 25,50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDIG antibody	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.
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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	25,098 Da
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
UniProt Entry Name	GDIR3_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.