Datasheet for ABIN6567345

anti-ARHGDIA antibody

2 Images

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Overview

Quantity:	200 µL
Target:	ARHGDIA
Reactivity:	Human, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGDIA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human ARHGDIA
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ARHGDIA
Alternative Name:	ARHGDIA (ARHGDIA Products)
Background:	Synonyms: ARHGDIA,fa96g11,GDIA 1,GDIA1,GDIR1,MGC117248,NPHS8,Rho GDI 1,Rho GDI alpha,Rho GDI,Rho GDP dissociation inhibitor (GDI) alpha,Rho GDP dissociation inhibitor 1,Rho GDP dissociation inhibitor alpha,Rho GDP-dissociation inhibitor 1,Rho-GDI alpha,RhoGDI 1,RhoGDI alpha,RHOGDI,RhoGDI1,wu:fa96g11,zgc:55554,zgc:77681 Background: This gene encodes a protein that plays a key role in the regulation of signaling

Target Details

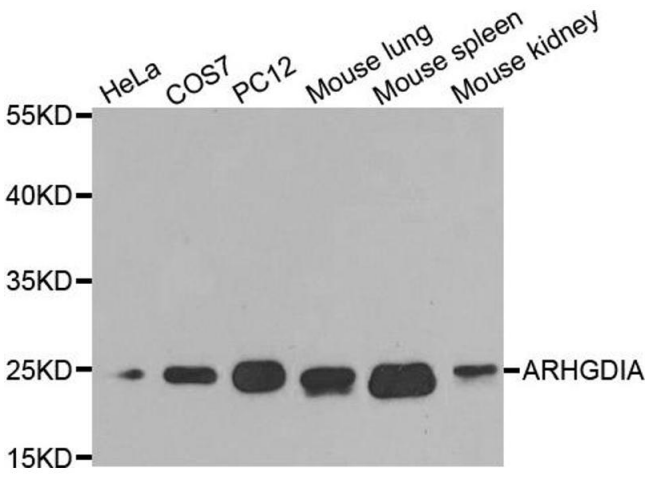
	through Rho GTPases. The encoded protein inhibits the disassociation of Rho family members from GDP (guanine diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important in a variety of cellular processes, and expression of this gene may be altered in tumors. Mutations in this gene have been found in individuals with nephrotic syndrome, type 8. Alternate splicing results in multiple transcript variants.
Molecular Weight:	Observed_MW: 23kDa Calculated_MW: 18kDa/23kDa
Gene ID:	396
UniProt:	P52565
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB 1:500 - 1:2000 IF 1:50 - 1:200
Restrictions:	For Research Use only

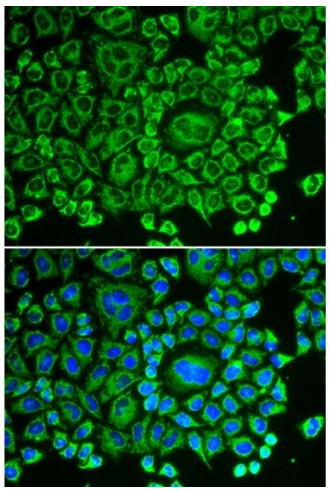
Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ARHGDIA antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using ARHGDIA antibody.