Datasheet for ABIN7184394

anti-ARHGAP17 antibody

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Overview

Quantity:	100 µL
Target:	ARHGAP17
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from internal of HumanRHG17.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ARHGAP17
Alternative Name:	ARHGAP17 (ARHGAP17 Products)
Background:	Background: Rho GTPase-activating protein involved in the maintenance of tight junction by regulating the activity of CDC42, thereby playing a central role in apical polarity of epithelial cells. Specifically acts as a GTPase activator for the CDC42 GTPase by converting it to an

Target Details

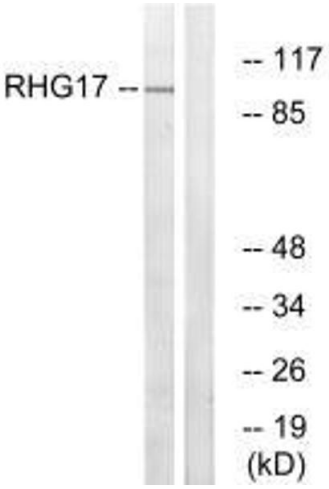
	inactive GDP-bound state. The complex formed with AMOT acts by regulating the uptake of polarity proteins at tight junctions, possibly by deciding whether tight junction transmembrane proteins are recycled back to the plasma membrane or sent elsewhere. Participates in the Ca2+-dependent regulation of exocytosis, possibly by catalyzing GTPase activity of Rho family proteins and by inducing the reorganization of the cortical actin filaments. Acts as a GTPase activator in vitro for RAC1. Richnau N., J. Biol. Chem. 276:35060-35070(2001). Ota T., Nat. Genet. 36:40-45(2004). The German cDNA consortium, Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases. Aliases: ARHGAP17 antibody, RICH1 antibody, MSTP066 antibody, MSTP110 antibody, Rho GTPase-activating protein 17 antibody, Rho-type GTPase-activating protein 17 antibody, RhoGAP interacting with CIP4 homologs protein 1 antibody, RICH-1 antibody
UniProt:	Q68EM7

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from LOVO cells, using RHG17 antibody.

