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Datasheet for ABIN7167937

anti-ARHGAP18 antibody (AA 389-577) (FITC)

Overview

Quantity:	100 µg
Target:	ARHGAP18
Binding Specificity:	AA 389-577
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP18 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Rho GTPase-activating protein 18 protein (389-577AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARHGAP18
Alternative Name:	ARHGAP18 (ARHGAP18 Products)
Background:	Background: Rho GTPase activating protein that suppresses F-actin polymerization by inhibiting Rho. Rho GTPase activating proteins act by converting Rho-type GTPases to an

Target Details

inactive GDP-bound state (PubMed:21865595). Plays a key role in tissue tension and 3D tissue shape by regulating cortical actomyosin network formation. Acts downstream of YAP1 and inhibits actin polymerization, which in turn reduces nuclear localization of YAP1 (PubMed:25778702). Regulates cell shape, spreading, and migration (PubMed:21865595).
Aliases: 4833419J07Rik antibody, A1314906 antibody, A1843501 antibody, Arhgap18 antibody, bA307014.2 antibody, FLJ25728 antibody, MacGAP antibody, MGC126757 antibody, MGC138145 antibody, OTTHUMP00000017190 antibody, OTTMUSP00000028606 antibody, RHG18_HUMAN antibody, Rho GTPase-activating protein 18 antibody, Rho-type GTPase-activating protein 18 antibody, SENEX antibody

UniProt: [Q8N392](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.