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Datasheet for ABIN4996807

anti-ARHGAP24 antibody (AA 501-600) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ARHGAP24
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP24 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARHGAP24
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	ARHGAP24
Alternative Name:	ARHGAP24 (ARHGAP24 Products)
Background:	Synonyms: Rho GTPase-activating protein 24, Filamin-A-associated RhoGAP, FilGAP, RAC1- and CDC42-specific GTPase-activating protein of 72 kDa, RC-GAP72, Rho-type GTPase-

Target Details

activating protein 24, RhoGAP of 73 kDa, Sarcoma antigen NY-SAR-88, p73RhoGAP, ARHGAP24, FILGAP

Background: Rho GTPase-activating protein involved in cell polarity, cell morphology and cytoskeletal organization. Acts as a GTPase activator for the Rac-type GTPase by converting it to an inactive GDP-bound state. Controls actin remodeling by inactivating Rac downstream of Rho leading to suppress leading edge protrusion and promotes cell retraction to achieve cellular polarity. Able to suppress RAC1 and CDC42 activity in vitro. Overexpression induces cell rounding with partial or complete disruption of actin stress fibers and formation of membrane ruffles, lamellipodia, and filopodia. Isoform 2 is a vascular cell-specific GAP involved in modulation of angiogenesis.

Gene ID:	83478
UniProt:	Q8N264
Pathways:	Regulation of Cell Size , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months