

产品名称: ARHGAP17 Rabbit Polyclonal Antibody
产品货号: AP Rab07122



产品概述 (Summary)

产品名称 (Production Name)	ARHGAP17 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ARHGAP17 ARHGAP17; RICH1; MSTP066; MSTP110; Rho GTPase-activating protein 17;
别名 (Alternative Names)	Rho-type GTPase-activating protein 17; RhoGAP interacting with CIP4 homologs protein 1; RICH-1
基因 ID (Gene ID)	55114.0
蛋白 ID (SwissProt ID)	Q68EM7.The antiserum was produced against synthesized peptide derived from human RHG17. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	100kDa

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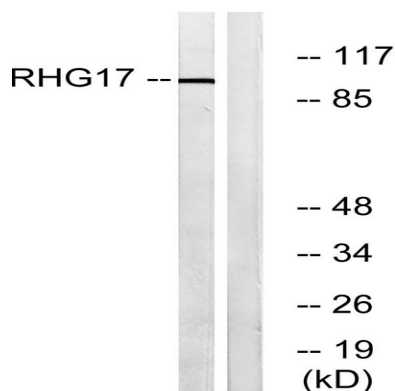


研究背景 (Background)

RIC1 is a GTPase-activating protein (GAP). GAPs stimulate the intrinsic GTP hydrolysis of small G proteins, such as RHOA (MIM 165390), RAC1 (MIM 602048), and CDC42 (MIM 116952).[supplied by OMIM, Apr 2004],domain:The BAR domain mediates the interaction with the coiled coil domain of AMOT, leading to its recruitment to tight junctions.,function: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 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 Ca(2+)-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.,similarity:Contains 1 BAR domain.,similarity:Contains 1 Rho-GAP domain.,subcellular location:Associates with membranes and concentrates at sites of cell-cell contact.,subunit:Component of a complex whose core is composed of ARHGAP17, AMOT, MPP5/PALS1, INADL/PATJ and PARD3/PAR3. Interacts with SLC9A3R1, FNBP1, TRIP10, CAPZA (CAPZA1, CAPZA2 or CAPZA3), CAPZB, CD2AP and SH3KBP1/CIN85.,tissue specificity:Ubiquitously expressed. Expressed at higher level in heart and placenta.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from LOVO cells, using RHG17 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .