

产品名称: ARHG4 Rabbit Polyclonal Antibody
产品货号: APRab07116



产品概述 (Summary)

产品名称 (Production Name)	ARHG4 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

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, 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)	ARHGEF4 KIAA1112
别名 (Alternative Names)	
基因 ID (Gene ID)	50649.0
蛋白 ID (SwissProt ID)	Q9NR80.Synthesized peptide derived from human protein . at AA range: 270-350

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	75kDa

研究背景 (Background)

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work

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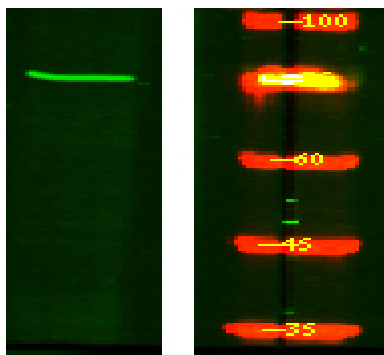


through G protein coupled receptors. The protein encoded by this gene may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jun 2013],function:Acts as guanine nucleotide exchange factor (GEF) for RhoA and RAC1 GTPases. Binding of APC may activate RAC1 GEF activity. The APC-ARHGEF4 complex seems to be involved in cell migration as well as in E-cadherin-mediated cell-cell adhesion.,sequence caution:Translation N-terminally extended.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH3 domain.,subcellular location:Associated with membrane ruffles.,subunit:Isoform 3 interacts with RHOA and RAC1, and through its N-terminus with APC. Found in a complex consisting of ARHGEF4, APC and CTNNB1.,tissue specificity:Expressed at low levels in brain, kidney, lung and muscle.,

研究领域 (Research Area)

Regulates Actin and Cytoskeleton;

图片 (Image Data)



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .