

产品名称: Rit1 Rabbit Polyclonal Antibody

产品货号: APRab17212

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
分子量(Molecular Weight)	25kDa

抗原信息(Antigen Information)

基因名(Gene Name)	RIT1
别名(Alternative Names)	RIT1; RIBB; RIT; ROC1; GTP-binding protein Rit1; Ras-like protein expressed in many tissues; Ras-like without CAAX protein 1
基因 ID(Gene ID)	6016.0
SwissProt ID	Q92963
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human RIT1. AA range:170-219

研究背景 (Background)

This gene encodes a member of a subfamily of Ras-related GTPases. The encoded protein is involved in regulating p38 MAPK-

dependent signaling cascades related to cellular stress. This protein also cooperates with nerve growth factor to promote neuronal development and regeneration. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012],enzyme regulation:Alternate between an inactive form bound to GDP and an active form bound to GTP.,function:Plays a crucial role in coupling NGF stimulation to the activation of both EPHB2 and MAPK14 signaling pathways and in NGF-dependent neuronal differentiation.,miscellaneous:Shows rapid uncatalyzed guanine nucleotide dissociation rates, which are much faster than those of most Ras subfamily members.,miscellaneous:Stimulation of the NGF and EGF receptor signaling pathways results in rapid and prolonged activation.,similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with MLLT4, the C-terminal domain of RALGDS and RLF, but not with RIN1 and PIK3CA. RLF binds exclusively to the active GTP-bound form. Strongly interacts with BRAF, but only weakly with RAF1. BARF and RAF1 association is dependent upon the GTP-bound state. Interacts with RGL3.,tissue specificity:Expressed in many tissues.,

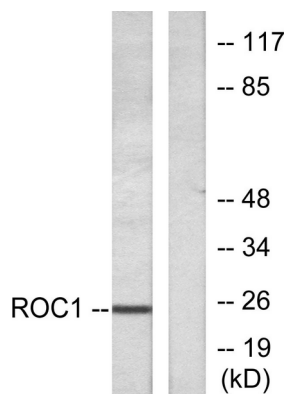
研究领域 (Research Area)

Cell Biology; Proteolysis / Ubiquitin; Proteasome / Ubiquitin; Ubiquitin E3 Enzymes; SCF Complex E3 Ligase; Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Ras Family; Neuroscience; Sensory System; Visual system

注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using RIT1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Rit1 Polyclonal Antibody diluted at 1: 500

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>