

产品名称: Rit1 Rabbit Polyclonal Antibody
产品货号: APRab17212



产品概述 (Summary)

产品名称 (Production Name)	Rit1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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, 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)	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
蛋白 ID (SwissProt ID)	Q92963.The antiserum was produced against synthesized peptide derived from human RIT1. AA range:170-219

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
蛋白分子量 (Molecular Weight)	25kDa

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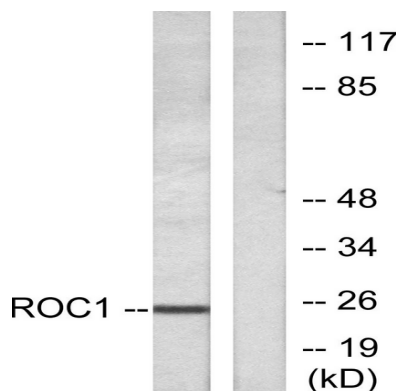
研究背景 (Background)

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)

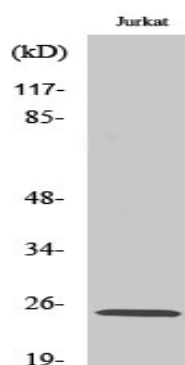
Cell Biology; Proteolysis / Ubiquitin; Proteasome / Ubiquitin; Ubiquitin E3 Enzymes; SCF Complex E3 Ligase; Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Ras Family; Neuroscience; Sensory System; Visual system

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.

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

注意事项 (Note)

For research use only .