

产品名称: RGS14 Rabbit Polyclonal Antibody
产品货号: APRab17091



产品概述 (Summary)

产品名称 (Production Name)	RGS14 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,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)	RGS14
别名 (Alternative Names)	RGS14; Regulator of G-protein signaling 14; RGS14
基因 ID (Gene ID)	10636.0
蛋白 ID (SwissProt ID)	O43566.The antiserum was produced against synthesized peptide derived from human RGS14. AA range:125-174

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)	65kDa

研究背景 (Background)

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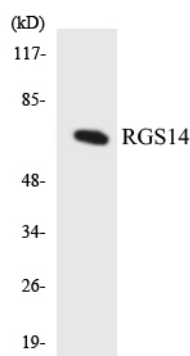


This gene encodes a member of the regulator of G-protein signaling family. This protein contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain. The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008],function:Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.,similarity:Contains 1 GoLoco domain.,similarity:Contains 1 RGS domain.,similarity:Contains 2 RBD (Ras-binding) domains.,

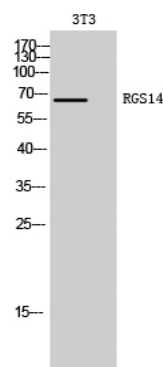
研究领域 (Research Area)

Second Messenger; Nucleotide Messenger; GTP; Signal Transduction; Signaling Pathway; G Protein Signaling; GPCR

图片 (Image Data)



Western blot analysis of the lysates from HUVEC cells using RGS14 antibody.



Western Blot analysis of 3T3 cells using RGS14 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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注意事项 (Note)

For research use only .