

产品名称: RGS7 Rabbit Polyclonal Antibody
产品货号: APRab17101



产品概述 (Summary)

产品名称 (Production Name)	RGS7 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)	RGS7
别名 (Alternative Names)	RGS7; Regulator of G-protein signaling 7; RGS7
基因 ID (Gene ID)	6000.0
蛋白 ID (SwissProt ID)	P49802.The antiserum was produced against synthesized peptide derived from human RGS7. AA range:155-204

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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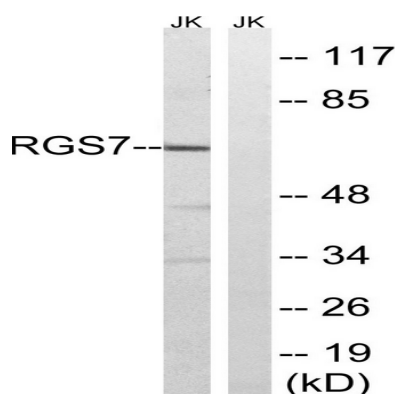


function: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(o)-alpha is specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis. May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations., PTM: Palmitoylated., PTM: Phosphorylation and subsequent interaction with 14-3-3 proteins inhibits GAP activity., similarity: Contains 1 DEP domain., similarity: Contains 1 G protein gamma domain., similarity: Contains 1 RGS domain., subunit: Heterodimer with GNG5. Interacts with RGS7BP, leading to regulate the subcellular location of the heterodimer formed with Gbeta5 (By similarity). Interacts with 14-3-3 protein Tau and SNAP25BP., function: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(o)-alpha is specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis. May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations., PTM: Palmitoylated., PTM: Phosphorylation and subsequent interaction with 14-3-3 proteins inhibits GAP activity., similarity: Contains 1 DEP domain., similarity: Contains 1 G protein gamma domain., similarity: Contains 1 RGS domain., subunit: Heterodimer with GNG5. Interacts with RGS7BP, leading to regulate the subcellular location of the heterodimer formed with Gbeta5 (By similarity). Interacts with 14-3-3 protein Tau and SNAP25BP.,

研究领域 (Research Area)

Small G Proteins; Regulators; Signal Transduction; Signaling Pathway; G Protein Signaling; GPCR

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using RGS7 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .