

产品名称: Rap1GAP Rabbit Polyclonal Antibody
产品货号: AP Rab16896



产品概述 (Summary)

产品名称 (Production Name)	Rap1GAP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	RAP1GAP
别名 (Alternative Names)	RAP1GAP; KIAA0474; RAP1GA1; Rap1 GTPase-activating protein 1; Rap1GAP; Rap1GAP1
基因 ID (Gene ID)	5909.0
蛋白 ID (SwissProt ID)	P47736.Synthesized peptide derived from Rap1GAP . at AA range: 460-540

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	73kDa

研究背景 (Background)

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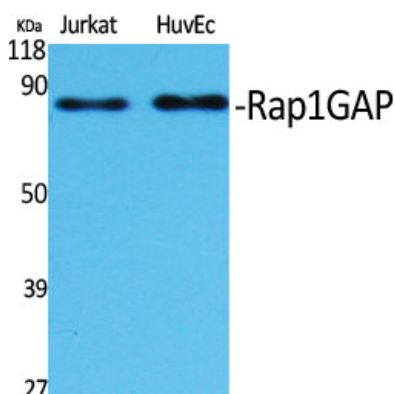


RAP1 GTPase activating protein(RAP1GAP) Homo sapiens This gene encodes a type of GTPase-activating-protein (GAP) that down-regulates the activity of the ras-related RAP1 protein. RAP1 acts as a molecular switch by cycling between an inactive GDP-bound form and an active GTP-bound form. The product of this gene, RAP1GAP, promotes the hydrolysis of bound GTP and hence returns RAP1 to the inactive state whereas other proteins, guanine nucleotide exchange factors (GEFs), act as RAP1 activators by facilitating the conversion of RAP1 from the GDP- to the GTP-bound form. In general, ras subfamily proteins, such as RAP1, play key roles in receptor-linked signaling pathways that control cell growth and differentiation. RAP1 plays a role in diverse processes such as cell proliferation, adhesion, differentiation, and embryogenesis. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Aug 2011],function:GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP-bound state.,induction:By 12-O-tetradecanoylphorbol-13-acetate (TPA) in promyelocytic HL-60 cells.,similarity:Contains 1 GoLoco domain.,similarity:Contains 1 Rap-GAP domain.,tissue specificity:Significant expression seen in the brain, kidney and pancreas. Abundant in the cerebral cortex and expressed at much lower levels in the spinal cord. Not detected in the lymphoid tissues.,

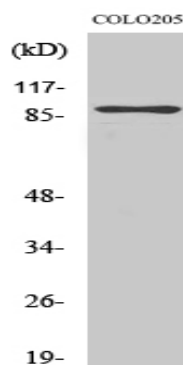
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western Blot analysis of various cells using Rap1GAP Polyclonal Antibody



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Western Blot analysis of COLO205 cells using Rap1GAP Polyclonal Antibody

注意事项 (Note)

For research use only .