

产品名称: C3G Rabbit Polyclonal Antibody
产品货号: APRab07747



产品概述 (Summary)

产品名称 (Production Name)	C3G Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, 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)	RAPGEF1
别名 (Alternative Names)	RAPGEF1; GRF2; Rap guanine nucleotide exchange factor 1; CRK SH3-binding GNRP; Guanine nucleotide-releasing factor 2; Protein C3G
基因 ID (Gene ID)	2889.0
蛋白 ID (SwissProt ID)	Q13905. The antiserum was produced against synthesized peptide derived from human RAPGEF1. AA range: 470-519

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

产品名称: C3G Rabbit Polyclonal Antibody
产品货号: APRab07747

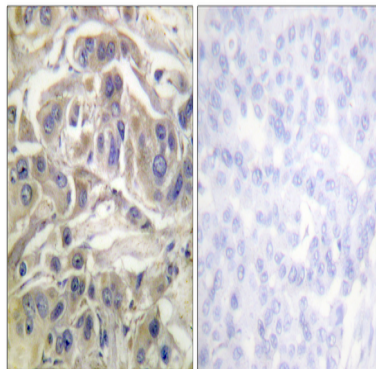
研究背景 (Background)

This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008],function:Guanine nucleotide-releasing protein that binds to SH3 domain of CRK and GRB2/ASH. Transduces signals from CRK to activate RAS.,similarity:Contains 1 N-terminal Ras-GEF domain.,similarity:Contains 1 Ras-GEF domain.,subunit:Interacts with CRK via its SH3-binding sites.,tissue specificity:Ubiquitously expressed in adult and fetus. Expression is high in adult skeletal muscle and placenta and in fetal brain and heart. Low levels of expression in adult and fetal liver.,

研究领域 (Research Area)

Regulation of Actin Dynamics; AMPK

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using RapGEF1 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .