

产品名称: RGS5 Rabbit Polyclonal Antibody
产品货号: APRab17099



产品概述 (Summary)

产品名称 (Production Name)	RGS5 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,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)	RGS5
别名 (Alternative Names)	RGS5; Regulator of G-protein signaling 5; RGS5
基因 ID (Gene ID)	8490.0
蛋白 ID (SwissProt ID)	O15539.The antiserum was produced against synthesized peptide derived from human RGS5. AA range:89-138

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	20kDa

研究背景 (Background)

产品名称: RGS5 Rabbit Polyclonal Antibody
产品货号: AP Rab17099

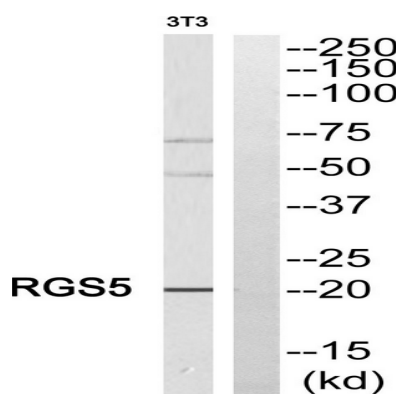


This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Dec 2011], function: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha., similarity: Contains 1 RGS domain.,

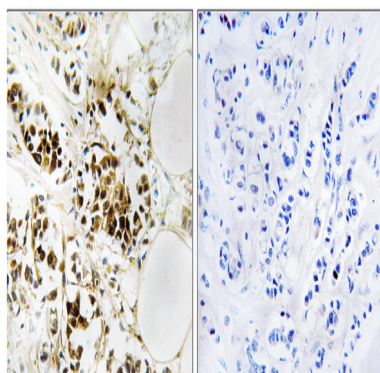
研究领域 (Research Area)

Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Regulators; Cardiovascular; Angiogenesis; Angiogenic Factors; Blood; Blood Pressure regulation; Heart; Hypertrophy

图片 (Image Data)

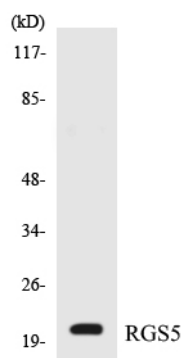


Western blot analysis of RGS5 Antibody. The lane on the right is blocked with the RGS5 peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using RGS5 Antibody. The lane on the right is blocked with the RGS5 peptide.

产品名称: RGS5 Rabbit Polyclonal Antibody
产品货号: APRab17099



Western blot analysis of the lysates from HepG2 cells using RGS5 antibody.

注意事项 (Note)

For research use only .