

产品名称: GCS- α -1 Rabbit Polyclonal Antibody
产品货号: APRab11374



产品概述 (Summary)

产品名称 (Production Name)	GCS- α -1 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)	GUCY1A3
别名 (Alternative Names)	GUCY1A3; GUC1A3; GUCSA3; GUCY1A1; Guanylate cyclase soluble subunit alpha-3; GCS-alpha-3; GCS-alpha-1; Soluble guanylate cyclase large subunit
基因 ID (Gene ID)	2982.0
蛋白 ID (SwissProt ID)	Q02108.The antiserum was produced against synthesized peptide derived from human GCS-alpha-1. AA range:374-423

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	77kDa

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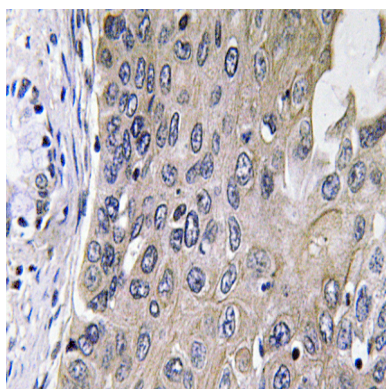
研究背景 (Background)

Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Jan 2012], catalytic activity: GTP = 3',5'-cyclic GMP + diphosphate., enzyme regulation: Activated by nitric oxide in the presence of magnesium or manganese ions., miscellaneous: There are two types of guanylate cyclases: soluble forms and membrane-associated receptor forms., similarity: Belongs to the adenylyl cyclase class-4/guanylyl cyclase family., similarity: Contains 1 guanylate cyclase domain., subunit: Heterodimer of an alpha and a beta chain.,

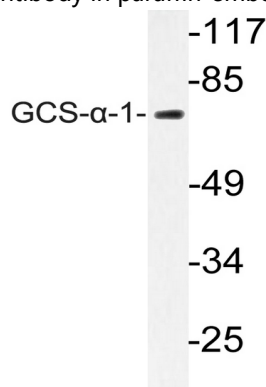
研究领域 (Research Area)

Purine metabolism; Vascular smooth muscle contraction; Gap junction; Long-term depression;

图片 (Image Data)

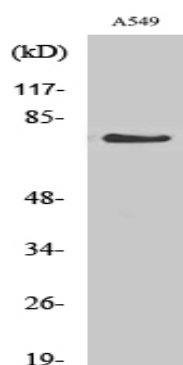


Immunohistochemistry analysis of GCS- α -1 antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from A549 cells, using GCS- α -1 antibody.

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Western Blot analysis of various cells using GCS- α -1 Polyclonal Antibody

注意事项 (Note)

For research use only .