

产品名称: SSTR1 Rabbit Polyclonal Antibody
产品货号: APRab18307



产品概述 (Summary)

产品名称 (Production Name)	SSTR1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat, Monkey

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)	SSTR1
别名 (Alternative Names)	SSTR1; Somatostatin receptor type 1; SS-1-R; SS1-R; SS1R; SRIF-2
基因 ID (Gene ID)	6751.0
蛋白 ID (SwissProt ID)	P30872. The antiserum was produced against synthesized peptide derived from human SSTR1. AA range: 9-58

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	43kDa

研究背景 (Background)

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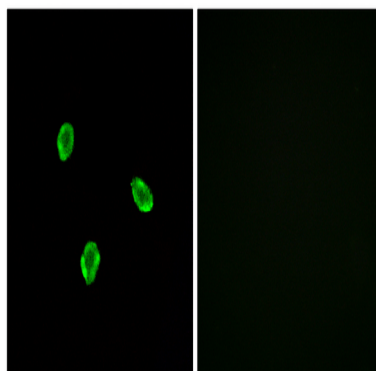


Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28 amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. The protein encoded by this gene is a member of the superfamily of somatostatin receptors having seven transmembrane segments. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This somatostatin receptor has greater affinity for somatostatin-14 than -28. [provided by RefSeq, Jul 2012],function:Receptor for somatostatin with higher affinity for somatostatin-14 than -28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na(+)/H(+) exchanger via pertussis toxin insensitive G proteins.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with SKB1.,tissue specificity:Fetal kidney, fetal liver, and adult pancreas, brain, lung, jejunum and stomach.,

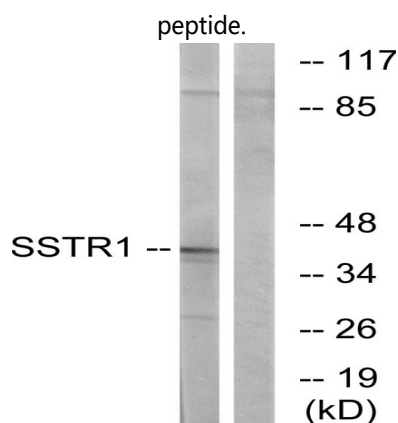
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



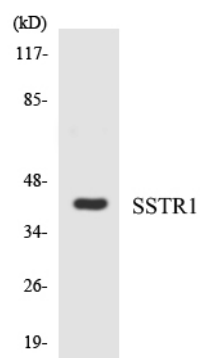
Immunofluorescence analysis of A549 cells, using SSTR1 Antibody. The picture on the right is blocked with the synthesized



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Western blot analysis of lysates from COS7 cells, using SSTR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using SSTR1 antibody.

注意事项 (Note)

For research use only .