

产品名称: Somatostatin Rabbit Polyclonal Antibody
产品货号: APRab18109



产品概述 (Summary)

产品名称 (Production Name)	Somatostatin 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)	SST
别名 (Alternative Names)	SST; Somatostatin; Growth hormone release-inhibiting factor
基因 ID (Gene ID)	6750.0
蛋白 ID (SwissProt ID)	P61278.The antiserum was produced against synthesized peptide derived from human Somatostatin. AA range:10-59

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	17kDa

研究背景 (Background)

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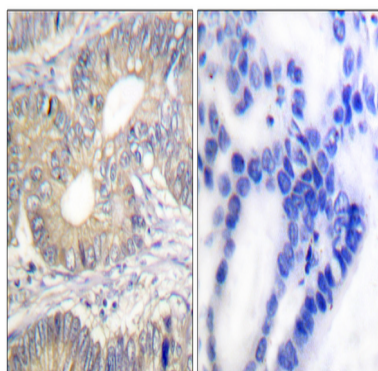


The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. [provided by RefSeq, Jul 2008],function:Somatostatin inhibits the release of somatotropin.,online information:Somatostatin entry,pharmaceutical:A synthetic analog known as octreotide or SMS 201-995 is available under the name Sandostatin (Novartis). It is used for the treatment of a variety of disorders including acromegaly and the symptomatic treatment of carcinoid tumors and vasoactive intestinal peptide tumors.,similarity:Belongs to the somatostatin family.,

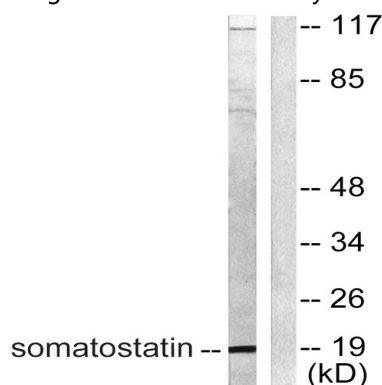
研究领域 (Research Area)

Neurotransmitter; Neuropeptides; Hormones; Neuroscience; Neurology process; Neuroendocrinology; GH Regulation; Stem Cells; Lineage Markers; Developmental Biology; Lineage specification; Endoderm

图片 (Image Data)

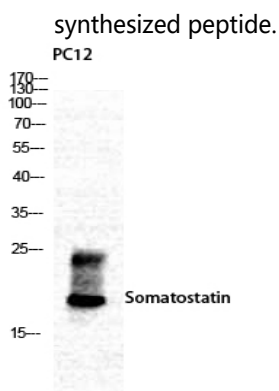


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Somatostatin Antibody. The picture on the right is blocked with the synthesized peptide.

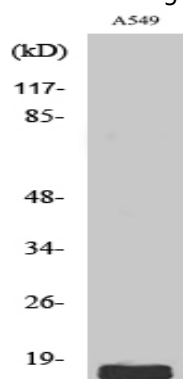


Western blot analysis of lysates from A549 cells, using Somatostatin Antibody. The lane on the right is blocked with the synthesized peptide.

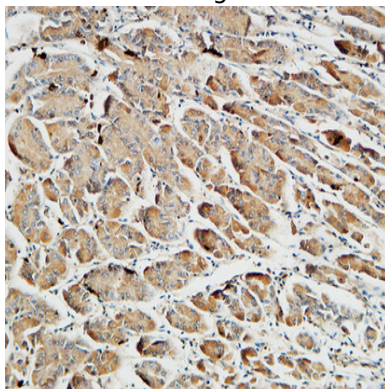
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Western Blot analysis of various cells using Somatostatin Polyclonal Antibody

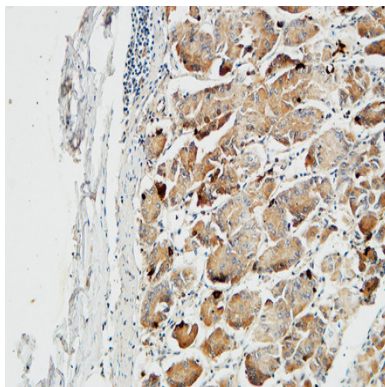


Western Blot analysis of A549 cells using Somatostatin Polyclonal Antibody

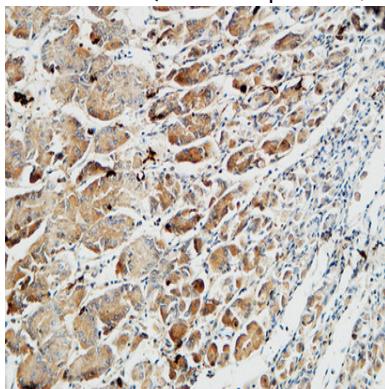


Immunohistochemical analysis of paraffin-embedded Human Gastric fundus. 1, Antibody was diluted at 1:200 (4°, overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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注意事项 (Note)

For research use only .