

产品名称: S-100P Rabbit Polyclonal Antibody
产品货号: APRab17477



产品概述 (Summary)

产品名称 (Production Name)	S-100P 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,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)	S100P
别名 (Alternative Names)	S100P; S100E; Protein S100-P; Protein S100-E; S100 calcium-binding protein P
基因 ID (Gene ID)	6286.0
蛋白 ID (SwissProt ID)	P25815.The antiserum was produced against synthesized peptide derived from human S100P. AA range:26-75

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)	10kDa

研究背景 (Background)

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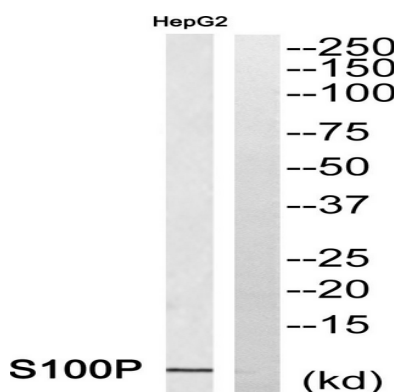


The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21; however, this gene is located at 4p16. This protein, in addition to binding Ca^{2+} , also binds Zn^{2+} and Mg^{2+} . This protein may play a role in the etiology of prostate cancer. [provided by RefSeq, Jul 2008],miscellaneous:This protein binds two calcium ions.,similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,subcellular location:Colocalizes with S100BPB in the nucleus.,subunit:Homodimer. Interacts with S100BPB and S100Z.,tissue specificity:Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias.,

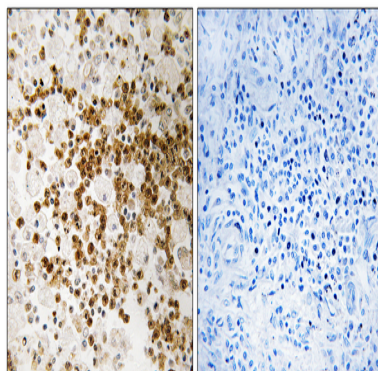
研究领域 (Research Area)

Signal Transduction; Signaling Pathway; Calcium Signaling; Calcium Binding Proteins; Cancer; Tumor biomarkers

图片 (Image Data)



Western blot analysis of S100P Antibody. The lane on the right is blocked with the S100P peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using S100P Antibody. The lane on the right is blocked with the S100P peptide.

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注意事项 (Note)

For research use only .