

产品名称: S100G Rabbit Polyclonal Antibody
产品货号: APRab17475



产品概述 (Summary)

产品名称 (Production Name)	S100G Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC,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)	S100G
别名 (Alternative Names)	Protein S100-G (Calbindin-D9k;S100 calcium-binding protein G;Vitamin D-dependent calcium-binding protein, intestinal;CABP)
基因 ID (Gene ID)	795.0
蛋白 ID (SwissProt ID)	P29377.Synthesized peptide derived from human S100G AA range: 1-80

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

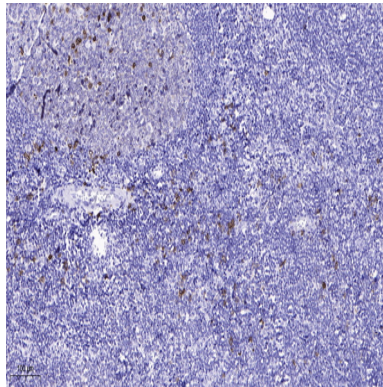
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This gene encodes calbindin D9K, a vitamin D-dependent calcium-binding protein. This cytosolic protein belongs to a family of calcium-binding proteins that includes calmodulin, parvalbumin, troponin C, and S100 protein. In the intestine, the protein is vitamin D-dependent and its expression correlates with calcium transport activity. The protein may increase Ca^{2+} absorption by buffering Ca^{2+} in the cytoplasm and increase ATP-dependent Ca^{2+} transport in duodenal basolateral membrane vesicles. [provided by RefSeq, Jul 2008],similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains,

研究领域 (Research Area)

Signal Transduction; Signaling Pathway; Calcium Signaling; Calcium Binding Proteins

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .