

产品名称: COL19A1 Rabbit Polyclonal Antibody
产品货号: APRab09176



产品概述 (Summary)

产品名称 (Production Name)	COL19A1 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)	COL19A1
别名 (Alternative Names)	COL19A1; Collagen alpha-1(XIX) chain; Collagen alpha-1(Y) chain
基因 ID (Gene ID)	1310.0
蛋白 ID (SwissProt ID)	Q14993.The antiserum was produced against synthesized peptide derived from human Collagen XIX alpha1. AA range:421-470

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	120kDa

研究背景 (Background)

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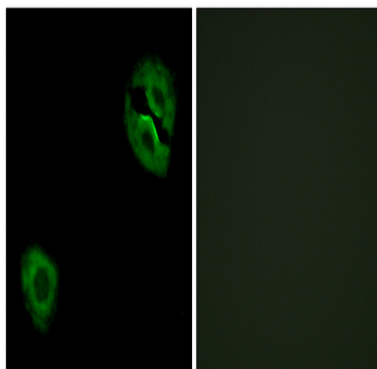


This gene encodes the alpha chain of type XIX collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Although the function of this collagen is not known, other members of this collagen family are found in association with fibril-forming collagens such as type I and II, and serve to maintain the integrity of the extracellular matrix. The transcript produced from this gene has an unusually large 3' UTR which has not been completely sequenced. [provided by RefSeq, Jul 2008],domain:The numerous interruptions in the triple helix may make this molecule either elastic or flexible.,function:May act as a cross-bridge between fibrils and other extracellular matrix molecules. Involved in skeletal myogenesis in the developing esophagus. May play a role in organization of the pericellular matrix or the sphincteric smooth muscle.,PTM:Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.,similarity:Belongs to the fibril-associated collagens with interrupted helices (FACIT) family.,similarity:Contains 1 TSP N-terminal (TSPN) domain.,subunit:Oligomer; disulfide-linked.,tissue specificity:Localized to vascular, neuronal, mesenchymal, and some epithelial basement membrane zones in umbilical cord.,

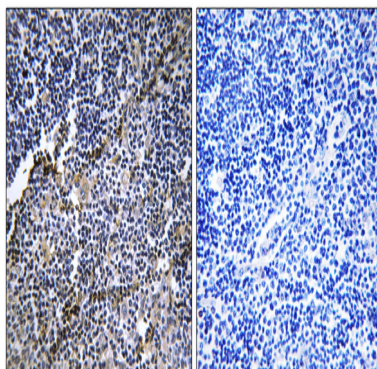
研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using Collagen XIX alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human thymus gland tissue, using Collagen XIX alpha1 Antibody. The

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picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .