

产品名称: COL14A1 Rabbit Polyclonal Antibody
产品货号: APRab09169



产品概述 (Summary)

产品名称 (Production Name)	COL14A1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, 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)	COL14A1
别名 (Alternative Names)	COL14A1; UND; Collagen alpha-1(XIV) chain; Undulin
基因 ID (Gene ID)	7373.0
蛋白 ID (SwissProt ID)	Q05707. The antiserum was produced against synthesized peptide derived from human N-terminal Collagen XIV alpha1. AA range: 71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

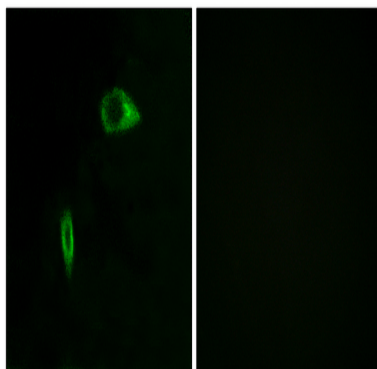
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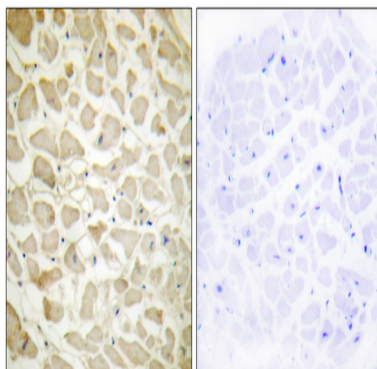
This gene encodes the alpha chain of type XIV collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XIV collagen interacts with the fibril surface and is involved in the regulation of fibrillogenesis. [provided by RefSeq, Jan 2013],function:Plays an adhesive role by integrating collagen bundles. It is probably associated with the surface of interstitial collagen fibrils via COL1. The COL2 domain may then serve as a rigid arm which sticks out from the fibril and protrudes the large N-terminal globular domain into the extracellular space, where it might interact with other matrix molecules or cell surface receptors.,PTM:Lysines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in all cases and bind carbohydrates.,PTM:May contain numerous cysteine residues involved in inter- and intramolecular disulfide bonding.,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.,similarity:Contains 2 VWFA domains.,similarity:Contains 8 fibronectin type-III domains.,subunit:Homotrimer.,

研究领域 (Research Area)

图片 (Image Data)



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



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Collagen XIV alpha1 Antibody. The picture

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注意事项 (Note)

For research use only .