

Product Name: COL14A1 Rabbit Polyclonal Antibody
Catalog #: APRab09170



Summary

Production Name	COL14A1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	COL14A1 UND
Alternative Names	Collagen alpha-1(XIV) chain (Undulin)
Gene ID	7373.0
SwissProt ID	Q05707.Synthetic peptide from human c-ternal protein at AA range: 1571-1620

Application

Dilution Ratio	IHC 1:50-200 ELISA 1:10000-20000
Molecular Weight	

Background

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

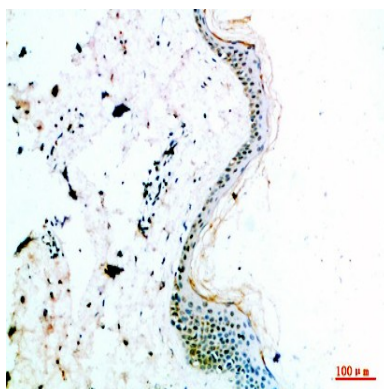
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fibrillogenesis. [provided by RefSeq, Jan 2013],function:Plays an adhesive role by integrating collagen bundles. It is probably associated with the surface of interstitial collagen fibrils via COL1. The COL2 domain may then serve as a rigid arm which 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.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200

Note

For research use only.