

**(** Tel: 400-999-8863 ■ Email:Upingbio.163.com





## COL14A1 Polyclonal Antibody

Catalog No	YP-Ab-17117
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	COL14A1 UND
Protein Name	Collagen alpha-1(XIV) chain (Undulin)
Immunogen	Synthetic peptide from human c-ternal protein at AA range: 1571-1620
Specificity	The antibody detects endogenous COL14A1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Collagen alpha-1(XIV) chain (Undulin)
Observed Band	
Cell Pathway	Secreted, extracellular space, extracellular matrix .
Tissue Specificity	Brain,Liver,Muscle,PNS,Testis,
Function	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:
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],

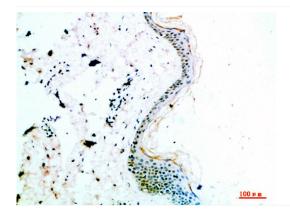
matters	needing	
attention		

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



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