

Rabbit anti-Human, Mouse Collagen XIV alpha 1 Polyclonal Antibody | anti-COL14A1 antibody

Collagen XIV alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321113	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

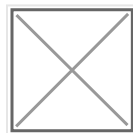
PRODUCT SYNONYMS

Collagen XIV alpha 1; Polyclonal Antibody; Collagen XIV alpha 1 Antibody; Collagen alpha 1(XIV) chain; Collagen type XIV alpha 1 (undulin); Collagen type XIV alpha 1; UND; Undulin (fibronectin tenascin related); Undulin; anti-COL14A1 antibody

PRODUCT SPECIFICATIONS

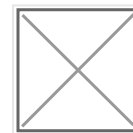
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Collagen XIV alpha 1 antibody detects endogenous levels of Collagen XIV alpha 1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1796
Applicable Applications for anti-COL14A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide derived from human Collagen XIV alpha 1 corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321113 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA321113 at 1/100 staining human Skin tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-COL14A1 antibody	Description: COL14A1 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. Belongs to the fibril-associated collagens with interrupted helices (FACIT) family. Similarity: Belongs to the fibril-associated collagens with interrupted helices (FACIT) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55743096
NCBI GeneID	7373
NCBI Accession #	NP_066933.1
NCBI GenBank Nucleotide #	NM_021110.3
UniProt Accession #	Q05707; O00260; O00261; O00262; Q05708; Q5XJ18; Q96C67; Q9UDF6; B2RU07
Molecular Weight	193 kDa
NCBI Official Full Name	collagen alpha-1(XIV) chain
NCBI Official Synonym Full Names	collagen type XIV alpha 1 chain
NCBI Official Symbol	COL14A1
NCBI Official Synonym Symbols	UND
NCBI Protein Information	collagen alpha-1(XIV) chain
UniProt Protein Name	Collagen alpha-1(XIV) chain
UniProt Gene Name	COL14A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-xiv-alpha-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/321113>