

Rabbit anti-Human, Mouse Collagen XIV alpha1 Polyclonal Antibody | anti-COL14A1 antibody

Collagen XIV alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302037	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

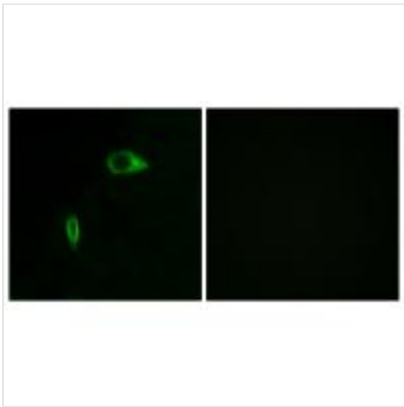
PRODUCT SYNONYMS

Collagen XIV alpha1; Polyclonal Antibody; Collagen XIV alpha1 Antibody; Collagen XIV a1 Antibody; Collagen alpha-1(XIV) chain; Undulin; COEA1; anti-COL14A1 antibody

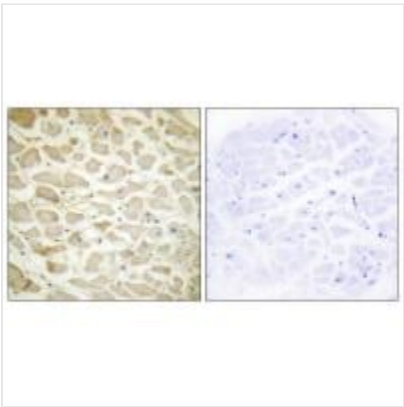
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen XIV a1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1796
Applicable Applications for anti-COL14A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen XIV a1.
Target Name	Collagen XIV a1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using Collagen XIV a1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen XIV a1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL14A1 antibody	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 By similarity.Nusbaum C., Nature 439:331-335(2006).Bauer M., Biochim. Biophys. Acta 1354:183-188(1997).Just M., J. Biol. Chem. 266:17326-17332(1991).
Product Categories/Family for anti-COL14A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743096
NCBI GeneID	7373
NCBI Accession #	NP_066933.1
NCBI GenBank Nucleotide #	NM_021110.2
UniProt Accession #	Q05707; O00260; O00261; O00262; Q05708; Q5XJ18; Q96C67; Q9UDF6; B2RU07
Molecular Weight	194kd
NCBI Official Full Name	collagen alpha-1(XIV) chain
NCBI Official Synonym Full Names	collagen, type XIV, alpha 1
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
UniProt Entry Name	COEA1_HUMAN

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.