

Rabbit Collagen XIV alpha1 Antibody | anti-COL14A1 antibody

Collagen XIV alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA110708	Rabbit	Human (Identities = 100%, Positives = 100%); Mouse (Identities = 92%, Positives = 92%)	Western Blot, ELISA, Immunofluorescence, Immunohistochemistry

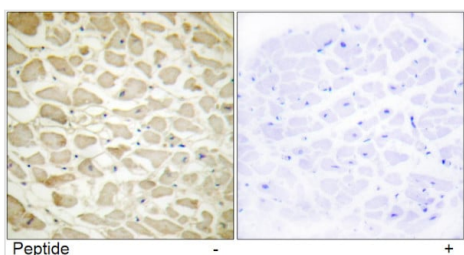
PRODUCT SYNONYMS

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

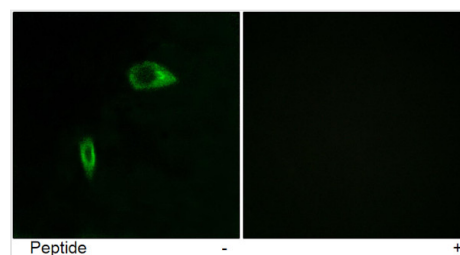
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Identities = 100%, Positives = 100%); Mouse (Identities = 92%, Positives = 92%)
Isotype	IgG
Specificity	Collagen XIV alpha1 antibody detects endogenous levels of total Collagen XIV alpha1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), 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	WB (Western Blot), ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen XIV alpha1.
Preparation and Storage	Store at -20°C for 1 year.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen XIV &alpha;1 antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen XIV &alpha;1 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL14A1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

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	183,154 Da
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/rabbit-human-mouse-antibody/collagen-xiv-alpha1/110708>