

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

Collagen XIV alpha1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                    |
|-----------|--------|--------------|-------------------------------------------------|
| AAA317712 | Rabbit | Human, Mouse | ELISA, Immunofluorescence, Immunohistochemistry |

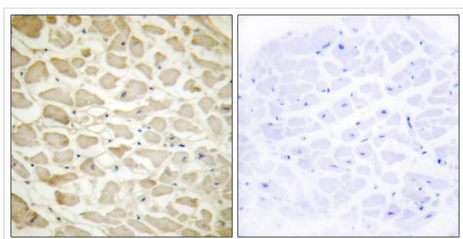
## PRODUCT SYNONYMS

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

## PRODUCT SPECIFICATIONS

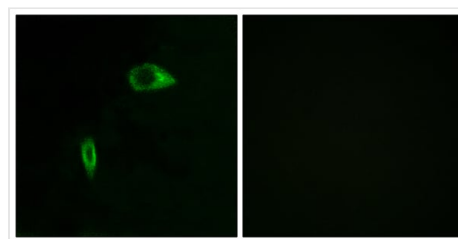
|                                                   |                                                                                                                                                    |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                             |
| Reactivity                                        | Human, Mouse                                                                                                                                       |
| Clonality                                         | Polyclonal                                                                                                                                         |
| Specificity                                       | Collagen XIV alpha1 Antibody detects endogenous levels of total Collagen XIV alpha1 protein.                                                       |
| Purity/Purification                               | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                                         |
| Form/Format                                       | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                     | 1 mg/ml (varies by lot)                                                                                                                            |
| Sequence Length                                   | 1,701                                                                                                                                              |
| Applicable Applications for anti-COL14A1 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                                         |
| Target Modification                               | Unmodified/Total                                                                                                                                   |
| Immunogen                                         | The antiserum was produced against synthesized peptide derived from human Collagen XIV alpha1.                                                     |
| Immunogen Range                                   | 71-120                                                                                                                                             |
| Preparation and Storage                           | Stable at -20 degree C for at least 1 year.                                                                                                        |

## IMAGES



### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Collagen XIV alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.



### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen XIV alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.

## NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 55743096 |
|-----------|----------|

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | <a href="#">7373</a>                                                                                                                                                                                                           |
| NCBI Accession #                 | <a href="#">NP_066933.1</a>                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_021110.3</a>                                                                                                                                                                                                    |
| UniProt Accession #              | <a href="#">Q05707</a> ; <a href="#">O00260</a> ; <a href="#">O00261</a> ; <a href="#">O00262</a> ; <a href="#">Q05708</a> ; <a href="#">Q5XJ18</a> ; <a href="#">Q96C67</a> ; <a href="#">Q9UDF6</a> ; <a href="#">B2RU07</a> |
| 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                | <b>COL14A1</b>                                                                                                                                                                                                                 |

**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-alpha1-antibody-immunofluorescence-immunohistochemistry-elisa/317712>