

## Collagen I Recombinant Antibody | COL1A1 recombinant antibody

Collagen I Rabbit mAb

|                               |                       |                                 |                                                           |
|-------------------------------|-----------------------|---------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA314892</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Cow</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

Collagen I; Monoclonal Recombinant Antibody; Collagen I Rabbit mAb; Collagen alpha-1(I) chain; Alpha-1 type I collagen; COL1A1; COL1A1 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                  |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Host                                                    | Rabbit                                                                                           |
| Reactivity                                              | Human, Cow                                                                                       |
| Clonality                                               | Monoclonal                                                                                       |
| Isotype                                                 | Rabbit IgG                                                                                       |
| Specificity                                             | Collagen I Antibody detects endogenous levels of total Collagen I                                |
| Purity/Purification                                     | Affinity-chromatography                                                                          |
| Form/Format                                             | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for COL1A1 recombinant antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                    |
| Immunogen                                               | A synthesized peptide derived from human Collagen I                                              |
| Preparation and Storage                                 | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.       |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human kidney, using Collagen I Antibody.


**WB (Western Blot)**

Western blot analysis of Collagen I in Human stomach tissue lysate.

### ADDITIONAL INFORMATION

|                                                           |                                               |
|-----------------------------------------------------------|-----------------------------------------------|
| Product Categories/Family for COL1A1 recombinant antibody | <a href="#">Recombinant Rabbit Monoclonal</a> |
|-----------------------------------------------------------|-----------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                     |                                                 |
|---------------------|-------------------------------------------------|
| NCBI GI #           | <a href="#">296439504</a>                       |
| NCBI GeneID         | <a href="#">1277</a>                            |
| UniProt Accession # | <a href="#">P02452</a> ; <a href="#">P08123</a> |
| Molecular Weight    | 138,941 Da                                      |

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | Collagen alpha-1(I) chain                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | collagen, type I, alpha 1                                                                                                                                                                                                            |
| NCBI Official Symbol             | COL1A1                                                                                                                                                                                                                               |
| NCBI Official Synonym Symbols    | OI4                                                                                                                                                                                                                                  |
| NCBI Protein Information         | collagen alpha-1(I) chain; collagen alpha-1(I) chain; alpha-1 type I collagen; pro-alpha-1 collagen type 1; collagen alpha 1 chain type I; collagen alpha-1(I) chain preproprotein; collagen of skin, tendon and bone, alpha-1 chain |
| UniProt Protein Name             | Collagen alpha-1(I) chain                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>COL1A1</b>                                                                                                                                                                                                                        |
| UniProt Entry Name               | CO1A1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/collagen-i-recombinant-antibody-immunohistochemistry-western-blot-elisa/314892>