

## Rabbit Collagen 9 alpha 1 Polyclonal Antibody | anti-COL9A1 antibody

Anti-Collagen 9 alpha 1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA264324</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

Collagen 9 alpha 1; Polyclonal Antibody; Anti-Collagen 9 alpha 1 Antibody; Collagen alpha-1(IX) chain; anti-COL9A1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                                         |
| Clonality                                        | Polyclonal                                                                                                |
| Specificity                                      | Recognizes endogenous levels of Collagen 9 alpha 1 protein.                                               |
| Purity/Purification                              | Purified by Immunogen Affinity Chromatography                                                             |
| Form/Format                                      | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| Applicable Applications for anti-COL9A1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                        | Recombinant fusion protein of human Collagen 9 alpha 1. The exact sequence is proprietary.                |
| Preparation and Storage                          | Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Collagen 9 alpha 1 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Collagen 9 alpha 1 expression in rat heart (A), Hela (B), mouse eyes (C), rat eyes (D) whole cell lysates. (Predicted band size: 91 kD; Observed band size: 100 kD)

### ADDITIONAL INFORMATION

|                                                      |                                                  |
|------------------------------------------------------|--------------------------------------------------|
| Related Product Information for anti-COL9A1 antibody | Rabbit polyclonal antibody to Collagen 9 alpha 1 |
|------------------------------------------------------|--------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 73486666    |
| NCBI GeneID      | 1297        |
| NCBI Accession # | NP_001842.3 |

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001851.4                                                                                                                                             |
| UniProt Accession #              | P20849; Q05722                                                                                                                                          |
| NCBI Official Full Name          | collagen alpha-1(IX) chain isoform 1                                                                                                                    |
| NCBI Official Synonym Full Names | collagen, type IX, alpha 1                                                                                                                              |
| NCBI Official Symbol             | COL9A1                                                                                                                                                  |
| NCBI Official Synonym Symbols    | MED; EDM6; STL4; DJ149L1.1.2                                                                                                                            |
| NCBI Protein Information         | collagen alpha-1(IX) chain; collagen alpha-1(IX) chain; alpha-1(IX) collagen chain; collagen IX, alpha-1 polypeptide; cartilage-specific short collagen |
| UniProt Protein Name             | Collagen alpha-1(IX) chain                                                                                                                              |
| UniProt Gene Name                | COL9A1                                                                                                                                                  |
| UniProt Entry Name               | CO9A1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-9-alpha-1-antibody-immunohistochemistry-western-blot-elisa/264324>