

## Rabbit anti-Human Collagen V alpha3 Polyclonal Antibody | anti-COL5A3 antibody

Collagen V alpha3 Antibody

|                               |                       |                            |                                                                 |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA303442</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Collagen V alpha3; Polyclonal Antibody; Collagen V alpha3 Antibody; Collagen V a3 Antibody; CO5A3; collagen alpha 3; anti-COL5A3 antibody

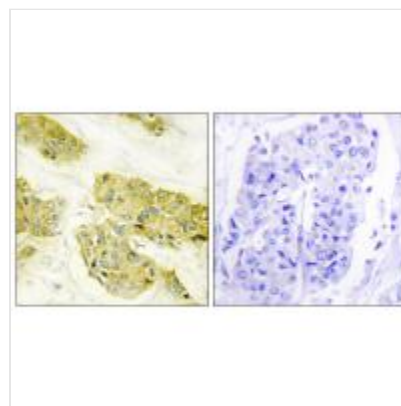
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                    |
| Reactivity                                       | Human                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                |
| Specificity                                      | The antibody detects endogenous levels of total Collagen V a3 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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                 |
| Sequence Length                                  | 1745                                                                                                                      |
| Applicable Applications for anti-COL5A3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                       |
| Immunogen Type                                   | Peptide                                                                                                                   |
| Immunogen Description                            | Synthesized peptide derived from internal of human Collagen V a3.                                                         |
| Target Name                                      | Collagen V a3                                                                                                             |
| Preparation and Storage                          | Store at -20 degree C                                                                                                     |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells, using Collagen V a3 antibody.


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Collagen V a3 antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COL5A3 antibody | Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.Imamura Y., J. Biol. Chem. 275:8749-8759(2000).Mann K., Biol. Chem. Hoppe-Seyler 373:69-75(1992).Molina H., Proc. Natl. Acad. Sci. U.S.A. 104:2199-2204(2007). |
| Product Categories/Family for anti-COL5A3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                           |                                         |
|---------------------------|-----------------------------------------|
| NCBI GI #                 | 110735435                               |
| NCBI GeneID               | 50509                                   |
| NCBI Accession #          | NP_056534.2                             |
| NCBI GenBank Nucleotide # | NM_015719.3                             |
| UniProt Accession #       | P25940; Q9NZQ6                          |
| Molecular Weight          | 172,121 Da                              |
| NCBI Official Full Name   | collagen alpha-3(V) chain preproprotein |
| UniProt Protein Name      | Collagen alpha-3(V) chain               |
| UniProt Gene Name         | COL5A3                                  |
| UniProt Entry Name        | CO5A3_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-v-alpha3-antibody-immunofluorescence-immunohistochemistry-elisa/303442>