

## Rabbit anti-Human ADAMTS3 Polyclonal Antibody | anti-ADAMTS3 antibody

ADAMTS3 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA308907</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

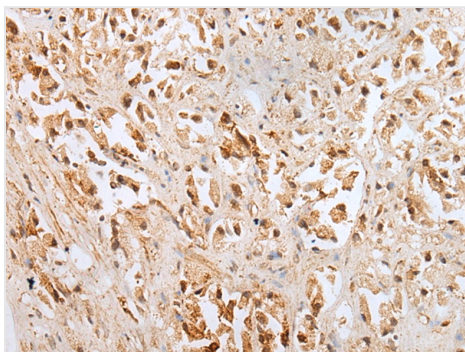
### PRODUCT SYNONYMS

ADAMTS3; Polyclonal Antibody; ADAMTS3 Antibody; ADAMTS-4; anti-ADAMTS3 antibody

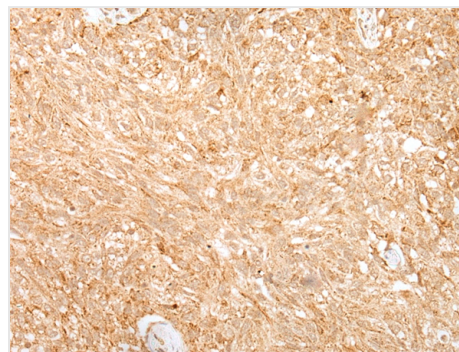
### PRODUCT SPECIFICATIONS

|                                                   |                                                                  |
|---------------------------------------------------|------------------------------------------------------------------|
| Host                                              | Rabbit                                                           |
| Reactivity                                        | Human                                                            |
| Clonality                                         | Polyclonal                                                       |
| Specificity                                       | The antibody detects endogenous levels of total ADAMTS3 protein. |
| Purity/Purification                               | Antigen Affinity Purification                                    |
| Form/Format                                       | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.  |
| Concentration                                     | 1.7 mg/ml (varies by lot)                                        |
| Sequence Length                                   | 1205                                                             |
| Applicable Applications for anti-ADAMTS3 antibody | IHC (Immunohistochemistry)                                       |
| Immunogen                                         | Synthetic peptide of human ADAMTS3                               |
| Immunogen Type                                    | Peptide                                                          |
| Preparation and Storage                           | Store at -20 degree C                                            |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/25.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADAMTS3 antibody | This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene is the major procollagen II N-propeptidase. A deficiency of this protein may be responsible for dermatosparaxis, a genetic defect of connective tissues. |
| Product Categories/Family for anti-ADAMTS3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 333360873                                                                      |
| NCBI GeneID                      | 9508                                                                           |
| NCBI Accession #                 | NP_055058.2                                                                    |
| NCBI GenBank Nucleotide #        | NM_014243.2                                                                    |
| UniProt Accession #              | O15072; Q9BXZ8; A1L3U9                                                         |
| Molecular Weight                 | 135,603 Da                                                                     |
| NCBI Official Full Name          | A disintegrin and metalloproteinase with thrombospondin motifs 3 preproprotein |
| NCBI Official Synonym Full Names | ADAM metalloproteinase with thrombospondin type 1 motif 3                      |
| NCBI Official Symbol             | ADAMTS3                                                                        |
| NCBI Official Synonym Symbols    | ADAMTS-4                                                                       |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 3               |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 3               |
| UniProt Gene Name                | ADAMTS3                                                                        |
| UniProt Synonym Gene Names       | KIAA0366; ADAM-TS 3; ADAM-TS3; ADAMTS-3; PC II-NP                              |
| UniProt Entry Name               | ATS3_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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