

## Rabbit anti-Human ADAMTS2 Polyclonal Antibody | anti-ADAMTS2 antibody

ADAMTS2 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA301576</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

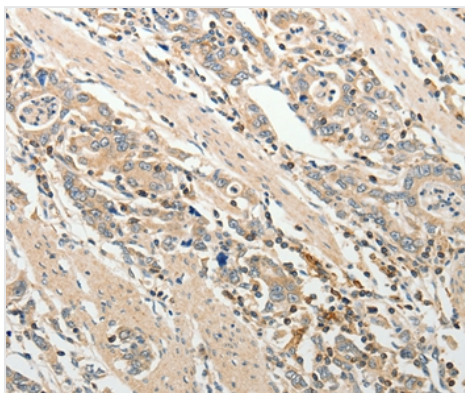
### PRODUCT SYNONYMS

ADAMTS2; Polyclonal Antibody; ADAMTS2 Antibody; NPI; PNPI; PCINP; PCPNI; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3; anti-ADAMTS2 antibody

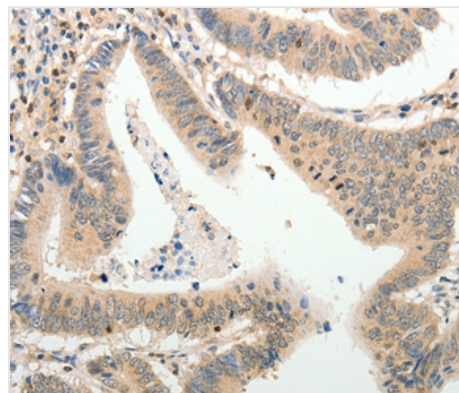
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                              |
| Reactivity                                        | Human                                                                                                                               |
| Clonality                                         | Polyclonal                                                                                                                          |
| Specificity                                       | The antibody detects endogenous levels of total ADAMTS2 protein.                                                                    |
| Purity/Purification                               | Antigen affinity purification.                                                                                                      |
| Form/Format                                       | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                                     |
| Concentration                                     | 0.8 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                   | 1211                                                                                                                                |
| Applicable Applications for anti-ADAMTS2 antibody | IHC (Immunohistochemistry)                                                                                                          |
| Immunogen Type                                    | Peptide                                                                                                                             |
| Immunogen Description                             | Synthetic peptide corresponding to residues near the C terminal of human ADAM metalloproteinase with thrombospondin type 1 motif, 2 |
| Target Name                                       | ADAMTS2                                                                                                                             |
| Preparation and Storage                           | Store at -20 degree C                                                                                                               |

### IMAGES


**IHC (Immunohistochemistry)**

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


**IHC (Immunohistochemistry)**

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

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADAMTS2 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 enzyme encoded by this gene excises the N-propeptide of type I, type II and type V procollagens. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-ADAMTS2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 110825974                                                                                |
| NCBI GeneID                      | 9509                                                                                     |
| NCBI Accession #                 | NP_055059.2                                                                              |
| NCBI GenBank Nucleotide #        | NM_014244.4                                                                              |
| UniProt Accession #              | O95450                                                                                   |
| Molecular Weight                 | 61,756 Da                                                                                |
| NCBI Official Full Name          | A disintegrin and metalloproteinase with thrombospondin motifs 2 isoform 1 preproprotein |
| NCBI Official Synonym Full Names | ADAM metallopeptidase with thrombospondin type 1 motif, 2                                |
| NCBI Official Symbol             | ADAMTS2                                                                                  |
| NCBI Official Synonym Symbols    | NPI; PNPI; PCINP; PCPNI; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3                   |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 2                         |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 2                         |
| UniProt Gene Name                | ADAMTS2                                                                                  |
| UniProt Synonym Gene Names       | PCINP; PCPNI; ADAM-TS 2; ADAM-TS2; ADAMTS-2; PC I-NP; pNPI                               |
| UniProt Entry Name               | ATS2_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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