

## Rabbit ADAMTS18 Polyclonal Antibody | anti-ADAMTS18 antibody

ADAMTS18 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA168448</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

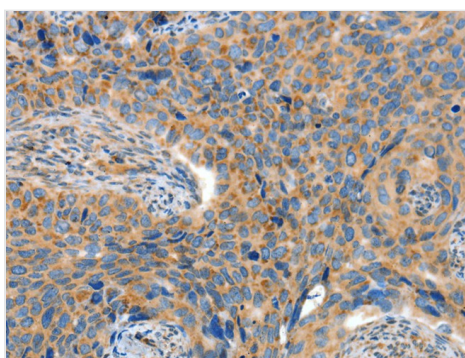
### PRODUCT SYNONYMS

ADAMTS18; Polyclonal Antibody; ADAMTS18 Polyclonal Antibody; KNO2; ADAMTS21; anti-ADAMTS18 antibody

### PRODUCT SPECIFICATIONS

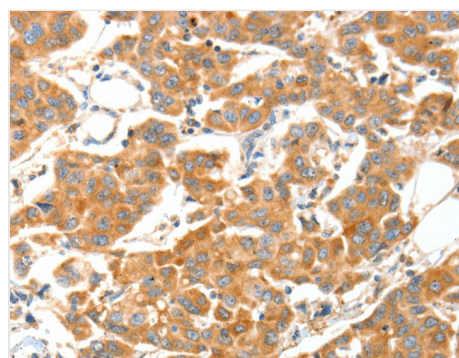
|                                                    |                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                    |
| Reactivity                                         | Human, Mouse, Rat                                                                         |
| Clonality                                          | Polyclonal                                                                                |
| Isotype                                            | IgG                                                                                       |
| Purity/Purification                                | Antigen affinity purification                                                             |
| Concentration                                      | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                    | 1221                                                                                      |
| Applicable Applications for anti-ADAMTS18 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                          | Recombinant protein of human ADAMTS18                                                     |
| Buffer                                             | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                            | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ADAMTS18 Polyclonal Antibody at dilution 1:30



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ADAMTS18 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADAMTS18 antibody | This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members 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 has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined. |
| Product Categories/Family for anti-ADAMTS18 antibody   | Cell biology; Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 40806187                                                                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 170692                                                                                                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_955387.1                                                                                                                                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_199355.2                                                                                                                                                                                                                                                                                                   |
| Molecular Weight                 | 119,768 Da                                                                                                                                                                                                                                                                                                    |
| NCBI Official Full Name          | A disintegrin and metalloproteinase with thrombospondin motifs 18 preproprotein                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | ADAM metalloproteinase with thrombospondin type 1 motif, 18                                                                                                                                                                                                                                                   |
| NCBI Official Symbol             | ADAMTS18                                                                                                                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | KNO2; MMCAT; ADAMTS21                                                                                                                                                                                                                                                                                         |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 18; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 18; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 21; disintegrin and metalloprotease-like protein |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 18                                                                                                                                                                                                                                             |
| UniProt Gene Name                | ADAMTS18                                                                                                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | ADAMTS21; ADAM-TS 18; ADAM-TS18; ADAMTS-18                                                                                                                                                                                                                                                                    |
| UniProt Entry Name               | ATS18_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://www.aaabiotech.com/polyclonal/adamts18-antibody-immunohistochemistry-elisa/168448>