

ADAMTS18 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8906b**Specification**

ADAMTS18 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TE60](#)**ADAMTS18 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 170692**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 18, ADAM-TS 18, ADAM-TS18, ADAMTS-18, 3424-, ADAMTS18, ADAMTS21

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8906b](/products/AP8906b) was selected from the C-term region of human ADAMTS18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADAMTS18 Antibody (C-term) Blocking Peptide - Protein Information**Name** ADAMTS18**Synonyms** ADAMTS21**Cellular Location**

Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed in fetal lung, liver, and kidney and in adult brain, prostate, submaxillary gland, and endothelium

ADAMTS18 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ADAMTS18 Antibody (C-term) Blocking Peptide - Images

ADAMTS18 Antibody (C-term) Blocking Peptide - Background

ADAMTS18 is 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. This protein has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor.

ADAMTS18 Antibody (C-term) Blocking Peptide - References

Zeng,W., et.al., Biochim. Biophys. Acta 1760 (3), 517-524 (2006)Jin,H., et.al., Oncogene 26 (53), 7490-7498 (2007)