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ADAMTS18 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8906b

Specification

ADAMTS18 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 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

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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)