

**ADAMTS10 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10102a****Specification**

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**ADAMTS10 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9H324](#)  
Other Accession [NP\\_112219.2](#)

**ADAMTS10 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 81794

**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 10, ADAM-TS 10, ADAM-TS10, ADAMTS-10, 3424-, ADAMTS10

**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.

**ADAMTS10 Antibody (N-term) Blocking peptide - Protein Information**

**Name** ADAMTS10

**Function**

Metalloprotease that participate in microfibrils assembly. Microfibrils are extracellular matrix components occurring independently or along with elastin in the formation of elastic tissues.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Widely expressed in adult tissues.

**ADAMTS10 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**ADAMTS10 Antibody (N-term) Blocking peptide - Images****ADAMTS10 Antibody (N-term) Blocking peptide - Background**

This gene belongs to the ADAMTS (a disintegrin and metalloproteinase domain with thrombospondin type-1 motifs) family of zinc-dependent proteases. ADAMTS proteases are complex secreted enzymes containing a pro-metalloprotease domain of the reprolysintype attached to an ancillary domain with a highly conserved structure that includes at least one thrombospondin type 1 repeat. They have been demonstrated to have important roles in connective tissue organization, coagulation, inflammation, arthritis, angiogenesis and cell migration. The product of this gene plays a major role in growth and in skin, lens, and heart development. It is also a candidate gene for autosomal recessive Weill-Marchesani syndrome.

**ADAMTS10 Antibody (N-term) Blocking peptide - References**

Morales, J., et al. Am. J. Hum. Genet. 85(5):558-568(2009) Ben Yahia, S., et al. J. Hum. Genet. 54(9):550-553(2009) Kutz, W.E., et al. Hum. Mutat. 29(12):1425-1434(2008) Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008) Dagoneau, N., et al. Am. J. Hum. Genet. 75(5):801-806(2004)