

ADAMTS10 Antibody (N-term) Blocking peptide

Synthetic peptide

Catalog # BP10102a

Specification

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 prometalloprotease 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)