

ADAMTS10 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10102a**Specification**

ADAMTS10 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9H324
Other Accession	NP_112219.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	210-240

ADAMTS10 Antibody (N-term) - Additional Information**Gene ID** 81794**Other Names**

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

Target/Specificity

This ADAMTS10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-240 amino acids from the N-terminal region of human ADAMTS10.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ADAMTS10 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ADAMTS10 Antibody (N-term) - 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

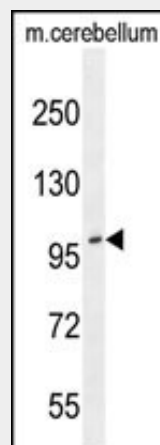
Tissue Location

Widely expressed in adult tissues.

ADAMTS10 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADAMTS10 Antibody (N-term) - Images

ADAMTS10 Antibody (N-term) (Cat. #AP10102a) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the ADAMTS10 antibody detected the ADAMTS10 protein (arrow).

ADAMTS10 Antibody (N-term) - 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 reprotolysin type 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) - 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)