

## Product datasheet for **AP50082PU-N**

### **ADAMTS10 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blotting:</b> 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 217-248 amino acids from the N-terminal region of human ADAMTS10
Specificity:	This antibody reacts to ADAMTS10.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ADAM metalloproteinase with thrombospondin type 1 motif 10
Database Link:	<a href="#">Entrez Gene 224697 Mouse</a> <a href="#">Entrez Gene 81794 Human</a> <a href="#">Q9H324</a>



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**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.

**Synonyms:**

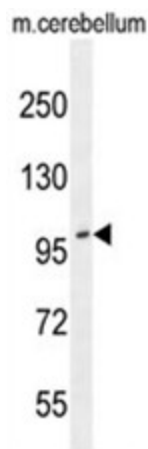
ADAM-TS10; ADAMTS-10; WMS

**Note:**

**Molecular Weight:** 120874 Da

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**

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