

**ADAMTS2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51715****Specification**

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**ADAMTS2 Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">O95450</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>135 KDa</b>

**ADAMTS2 Antibody - Additional Information****Gene ID** 9509**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 2, ADAM-TS 2, ADAM-TS2, ADAMTS-2, Procollagen I N-proteinase, PC I-NP, Procollagen I/II amino propeptide-processing enzyme, Procollagen N-endopeptidase, pNPI, ADAMTS2, PCINP, PCPNI

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**ADAMTS2 Antibody - Protein Information****Name** ADAMTS2**Synonyms** PCINP, PCPNI**Function**

Cleaves the propeptides of type I and II collagen prior to fibril assembly (By similarity). Does not act on type III collagen (By similarity). Cleaves lysyl oxidase LOX at a site downstream of its propeptide cleavage site to produce a short LOX form with reduced collagen-binding activity (PubMed:<a href="http://www.uniprot.org/citations/31152061" target="\_blank">31152061</a>).

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Expressed at high level in skin, bone, tendon and aorta and at low levels in thymus and brain

**ADAMTS2 Antibody - 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](#)

**ADAMTS2 Antibody - Images****ADAMTS2 Antibody - Background**

Cleaves the propeptides of type I and II collagen prior to fibril assembly. Does not act on type III collagen. May also play a role in development that is independent of its role in collagen biosynthesis.

**ADAMTS2 Antibody - References**

Colige A., et al. Am. J. Hum. Genet. 65:308-317(1999).  
Schmutz J., et al. Nature 431:268-274(2004).