

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

ADAMTS2 Antibody - Product Information

Application	WB, E
Primary Accession	O95450
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	135 KDa

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:31152061).

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).