

# ADAMTS2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51715

## Product Information

Application	WB
Primary Accession	<a href="#">O95450</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134755

## 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ADAMTS2. The exact sequence is proprietary.
Dilution	WB~~1:1000
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

## 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="#">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

## Background

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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.

## References

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

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