

# ADAMTS-2 Polyclonal Antibody

Catalog # AP73854

## Product Information

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

## Additional Information

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<b>Gene ID</b>	9509
<b>Other Names</b>	ADAMTS2; PCINP; PCPNI; 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
<b>Dilution</b>	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E--N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	ADAMTS2
<b>Synonyms</b>	PCINP, PCPNI
<b>Function</b>	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> ).
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix
<b>Tissue Location</b>	Expressed at high level in skin, bone, tendon and aorta and at low levels in thymus and brain

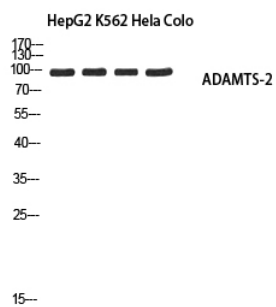
## Background

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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.

## Images

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Western blot analysis of HepG2 K562 HeLa Colo using ADAMTS-2 antibody.. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.