

# ADAMTS-2 Polyclonal Antibody

Catalog # AP73854

## Product Information

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

## Additional Information

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

## Protein Information

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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

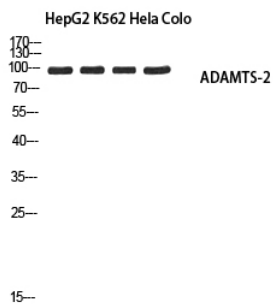
## Background

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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.

## 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'.