

ADAMTS-2 Polyclonal Antibody
Catalog # AP73854**Specification****ADAMTS-2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	O95450
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

ADAMTS-2 Polyclonal Antibody - Additional Information**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

ADAMTS-2 Polyclonal 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

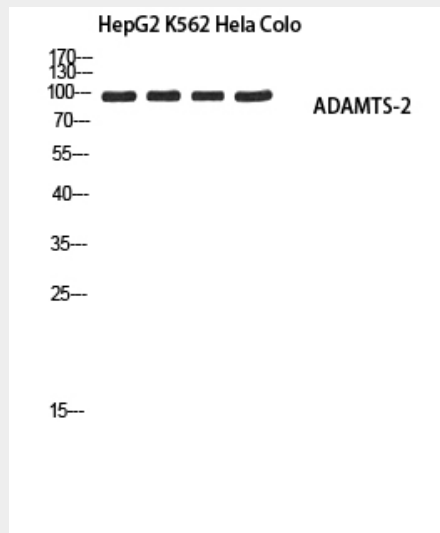
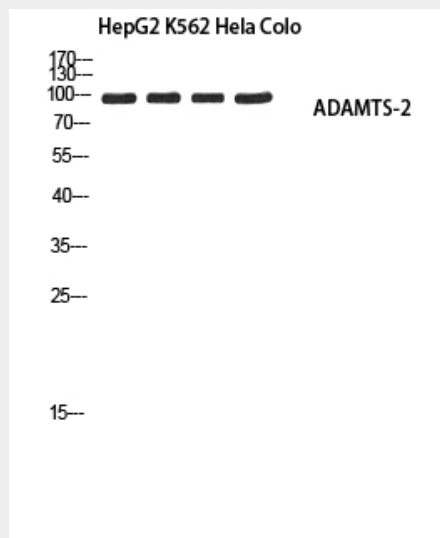
Expressed at high level in skin, bone, tendon and aorta and at low levels in thymus and brain

ADAMTS-2 Polyclonal 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](#)

ADAMTS-2 Polyclonal Antibody - Images



ADAMTS-2 Polyclonal 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.