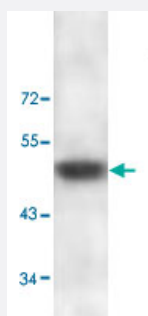


# ADAMTS2 polyclonal antibody

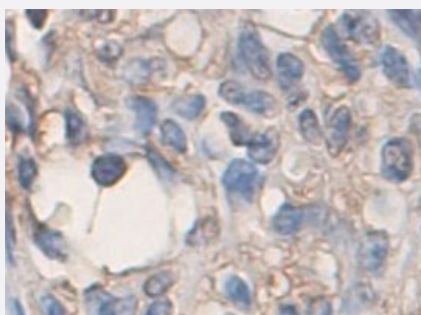
Catalog # PAB18817      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of human skin lysate with ADAMTS2 polyclonal antibody (Cat # PAB18817) at 1 : 100 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human skin tissue with ADAMTS2 polyclonal antibody (Cat # PAB18817) at 1 : 200 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of ADAMTS2.
<b>Immunogen</b>	A synthetic peptide corresponding to 16 amino acids at C-terminus of human ADAMTS2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification

<b>Recommend Usage</b>	ELISA (1:1000-1:10000) Western Blot (1:200-1:1000) Immunohistochemistry (1:100-1:500) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In buffer containing 0.02% sodium azide
<b>Storage Instruction</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ADAMTS2

<b>Entrez GeneID</b>	<a href="#">9509</a>
<b>Gene Name</b>	ADAMTS2
<b>Gene Alias</b>	ADAM-TS2, ADAMTS-3, NPI, PCINP, PCPNI, hPCPNI
<b>Gene Description</b>	ADAM metalloproteinase with thrombospondin type 1 motif, 2
<b>Omim ID</b>	<a href="#">225410</a> <a href="#">604539</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The enzyme encoded by this gene excises the N-propeptide of type I, type II and type V procollagens. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in two transcript variants. The short transcript encodes a protein which has no significant procollagen N-peptidase activity. [provided by RefSeq]

**Other Designations**

a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 2|procollagen I N-proteinase|procollagen N-endopeptidase