

## ADAMTS-2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00249
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from ADAMTS-2 . at AA range: 1140-1220
<b>Mol wt</b>	134723
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ADAMTS-2 Antibody
<b>Synonyms</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-processin

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

ADAMTS2 (ADAM metallopeptidase with thrombospondin type 1 motif 2) 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 encoded preproprotein is proteolytically processed to generate the mature procollagen N-proteinase. This proteinase excises the N-propeptide of the fibrillar procollagens types I-III and type V. Mutations in ADAMTS2 cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

### Images

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

## Storage

-20°C for one year

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