BT LAB
Bioassay Technology Laboratory
Optimize Your Research

ADAMTS-2 Polyclonal Antibody

Description

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

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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