ADAMTS2 Rabbit pAb

Catalog No.: A10272 3 Publications



Basic Information

Observed MW

120kDa

Calculated MW

135kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Rat

Background

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 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 this gene 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 Dilutions

WB 1:500 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay

requirements.

Immunogen Information

Gene ID Swiss Prot 9509 095450

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

NPI; PNPI; PCINP; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3; EDSDERMS; ADAMTS2

Contact

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Product Information

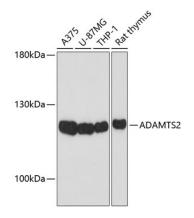
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using ADAMTS2 Rabbit pAb (A10272) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.