

**Anti-ADAMTS13 Picoband Antibody**  
**Catalog # ABO11646****Specification**

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**Anti-ADAMTS13 Picoband Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q76LX8</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for A disintegrin and metalloproteinase with thrombospondin motifs 13(ADAMTS13) detection. Tested with WB, ELISA in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-ADAMTS13 Picoband Antibody - Additional Information**

**Gene ID** 11093

**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 13, ADAM-TS 13, ADAM-TS13, ADAMTS-13, 3.4.24.87, von Willebrand factor-cleaving protease, vWF-CP, vWF-cleaving protease, ADAMTS13, C9orf8

**Calculated MW**

153604 MW KDa

**Application Details**

ELISA , 0.1-0.5 µg/ml, Human, -<br>Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat<br>

**Subcellular Localization**

Secreted . Secretion enhanced by O-fucosylation of TSP type-1 repeats.

**Tissue Specificity**

Plasma. Expressed primarily in liver. .

**Protein Name**

A disintegrin and metalloproteinase with thrombospondin motifs 13

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

**Immunogen**

E. coli-derived human ADAMTS13 recombinant protein (Position: A299-R488). Human ADAMTS13 shares 85.2% amino acid (aa) sequence identity with mouse ADAMTS13.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Anti-ADAMTS13 Picoband Antibody - Protein Information**

**Name** ADAMTS13

**Synonyms** C9orf8

**Function**

Cleaves the vWF multimers in plasma into smaller forms thereby controlling vWF-mediated platelet thrombus formation.

**Cellular Location**

Secreted. Note=Secretion enhanced by O-fucosylation of TSP type-1 repeats

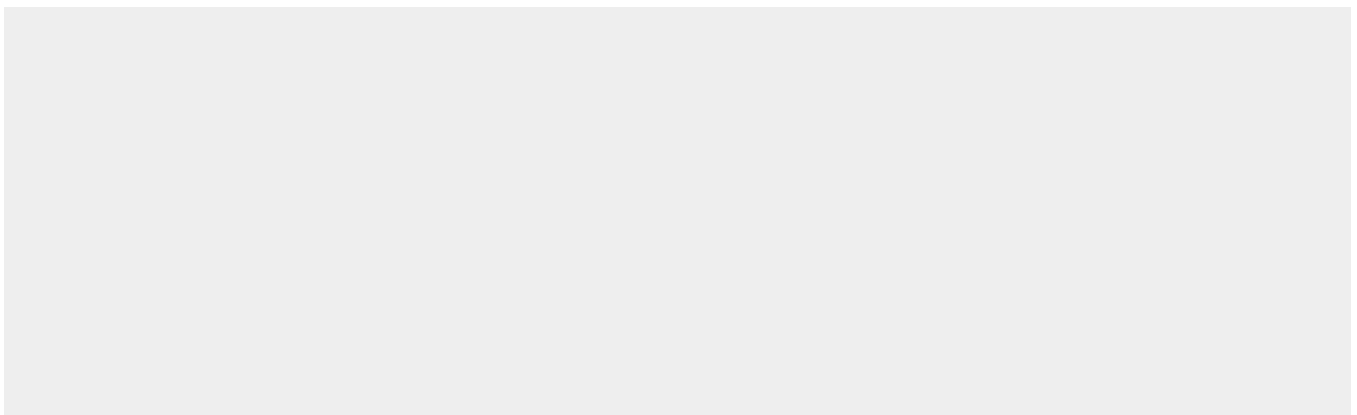
**Tissue Location**

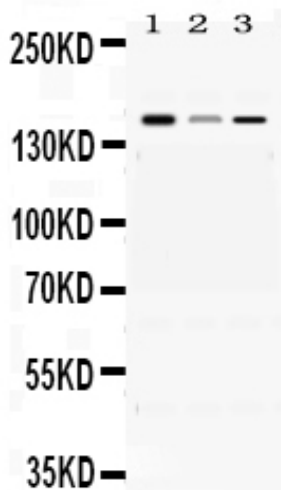
Plasma. Expressed primarily in liver.

**Anti-ADAMTS13 Picoband 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](#)

**Anti-ADAMTS13 Picoband Antibody - Images**



Western blot analysis of ADAMTS13 expression in rat brain extract (lane 1), mouse liver extract (lane 2) and HEPG2 whole cell lysates (lane 3). ADAMTS13 at 154KD was detected using rabbit anti- ADAMTS13 Antigen Affinity purified polyclonal antibody (Catalog # ABO11646) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

#### **Anti-ADAMTS13 Picoband Antibody - Background**

ADAMTS13 (a disintegrin and metalloproteinase with athrombospondin type 1 motif, member 13), also known as VWFCP, is a zinc-containing metalloprotease enzyme that cleaves von Willebrand factor (vWf), a large protein involved in blood clotting. It is secreted in blood and degrades large vWf multimers, decreasing their activity. This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. This gene is mapped to 9q34.