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Anti-ADAMTS13 Picoband Antibody

Catalog # ABO11646

Specification

Anti-ADAMTS13 Picoband Antibody - Product Information

Application	**WB**
Primary Accession	Q76LX8
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, -
Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat

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 r˚Constitution, 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 Cytomety
- Cell Culture

Anti-ADAMTS13 Picoband Antibody - Images

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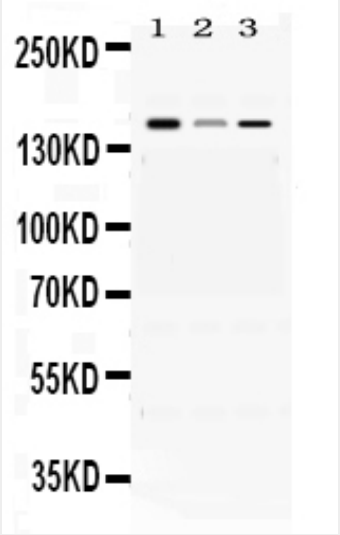

Western blot analysis of ADAMTS13 expression in rat brain extract (lane 1), mouse liver extract (lane 2) and HEPG2 whole cell lysates (lane 3). ADAMTS13 at 154KD was detected using rabbit anti- ADAMTS13 Antigen Affinity purified polyclonal antibody (Catalog # ABO11646) at 0.5 ??g/mL. The blot was developed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