

Datasheet for ABIN4886425

anti-ADAMTS13 antibody (AA 299-488)



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1 Image

Overview

Quantity:	100 µg
Target:	ADAMTS13
Binding Specificity:	AA 299-488
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit IgG polyclonal antibody for A disintegrin and metalloproteinase with thrombospondin motifs 13(ADAMTS13) detection. Tested with WB, ELISA in Human,Mouse,Rat.
Immunogen:	E. coli-derived human ADAMTS13 recombinant protein (Position: A299-R488). Human ADAMTS13 shares 85.2% amino acid (aa) sequence identity with mouse ADAMTS13.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for A disintegrin and metalloproteinase with thrombospondin motifs 13(ADAMTS13) detection. Tested with WB, ELISA in Human,Mouse,Rat.</p> <p>Gene Name: ADAM metalloproteinase with thrombospondin type 1 motif 13</p> <p>Protein Name: A disintegrin and metalloproteinase with thrombospondin motifs 13</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	ADAMTS13
Alternative Name:	ADAMTS13 (ADAMTS13 Products)
Background:	<p>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.</p> <p>Synonyms: ADAM TS ADAM-TS 13 ADAM-TS13 ADAMTS 13 ADAMTS-13 ADAMTS13 C9orf8 TTP vWF CP vWF-CP VWFCP Q76LX8</p>
Gene ID:	11093

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat</p> <p>ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

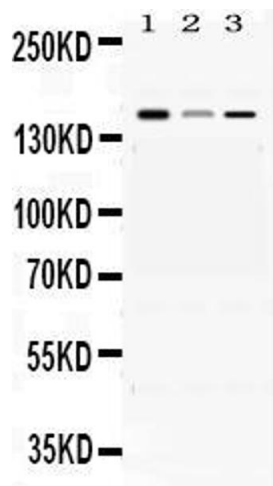
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. 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 #) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).