

Basic Information

Product Name	Anti-ADAMTS13 Antibody
Gene Name	ADAMTS13
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human ADAMTS13 recombinant protein (Position: D298-T1427).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	154 kDa
Dilution Ratios	Western blot (WB):1:500-2000 ELISA: 1:100-1000

Storage

12 months from date of receipt, -20°C as supplied.

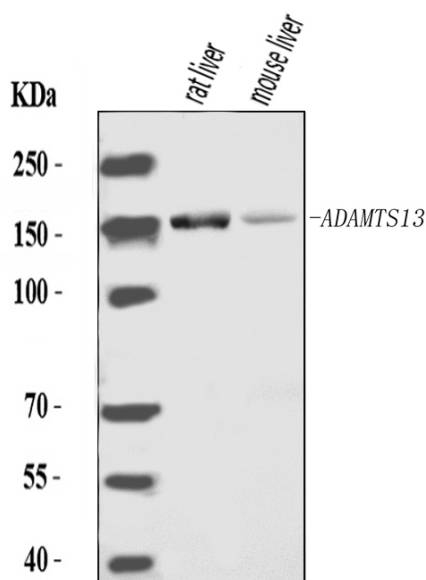
Background Information

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.

Reference

Anti-ADAMTS13 Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of ADAMTS13 using anti-ADAMTS13 antibody (A00586-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat liver tissue lysates,

Lane 2: mouse liver tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-ADAMTS13 antigen affinity purified polyclonal antibody (A00586-1) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for ADAMTS13 at approximately 154 kDa. The expected band size for ADAMTS13 is at 154 kDa.