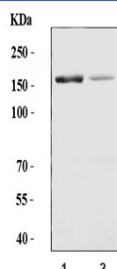


ADAMTS13 Antibody (RQ7055)

Catalog No.	Formulation	Size
RQ7055	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q76LX8
Applications	Western Blot : 0.5-1 ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This ADAMTS13 antibody is available for research use only.



Western blot testing of 1) rat liver and 2) mouse liver tissue lysate with ADAMTS13 antibody. Predicted molecular weight ~154 kDa.

Description

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.

Application Notes

Optimal dilution of the ADAMTS13 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D298-T1427) was used as the immunogen for the ADAMTS13 antibody.

Storage

After reconstitution, the ADAMTS13 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.