

## ADAMTS13 Antibody (R32496)

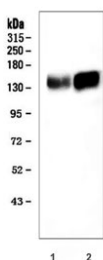
Catalog No.	Formulation	Size
R32496	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q76LX8
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA : 0.5-1ug/ml (human protein tested); request BSA-free format for coating
<b>Limitations</b>	This ADAMTS13 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse liver and 3) human HepG2 lysate with ADAMTS13 antibody at 0.5ug/ml. Predicted/observed molecular weight ~154 kDa.



Western blot testing of 1) mouse liver and 2) rat brain tissue lysate with ADAMTS13 antibody. Predicted molecular weight ~154 kDa, may be observed at higher molecular weights due to glycosylation.

## 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

Differences in protocols and secondary/substrate sensitivity may require the ADAMTS13 antibody to be titrated for optimal performance.

## Immunogen

Amino acids A299-R488 from the human protein were 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.