

ADAMTS13 Antibody (R32496)

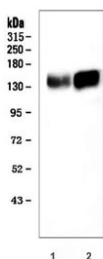
Catalog No.	Formulation	Size
R32496	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q76LX8
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml ELISA : 0.5-1ug/ml (human protein tested); request BSA-free format for coating
Limitations	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 thrombospondin 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.