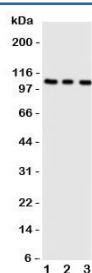


## ADAMTS1 Antibody (R31182)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R31182      | 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> | Mouse, Rat   |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <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/thimerosal |
| <b>UniProt</b>            | P97857   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml  |
| <b>Limitations</b>        | This ADAMTS1 antibody is available for research use only.                |



Western blot testing of ADAMTS1 antibody; Lane 1: rat liver; 2: (r) heart; 3: (r) brain tissue lysate. Predicted molecular weight 84~120 kDa depending on glycosylation and processing.

## Description

A Disintegrin-Like and Metalloproteinase with Thrombospondin Type 1 Motif, 1, also known as METH1, is an enzyme that in humans is encoded by the ADAMTS1 gene. ADAMTS is a family of proteins believed to be anchored to the extracellular matrix (ECM) through interactions with aggrecan or other matrix components by one or more thrombospondin type 1 motifs. Scott (2000) mapped the gene to 21q21.2 based on sequence similarity between the ADAMTS1 sequence and a chromosome 21q21.2 clone. Kuno et al.(1997) found that mouse Adamts1 expression could be induced in vitro in colon adenocarcinoma cells by stimulation with the inflammatory cytokine interleukin 1-alpha, or in vivo in kidney and heart by intravenous administration of lipopolysaccharide. Vazquez et al.(1999) determined that

ADAMTS1 disrupts angiogenesis in vivo and in vitro more efficiently than ADAMTS8, THBS1, or endostatin.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ADAMTS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 956-968 (KHYIDFCTLQCS-mouse) were used as the immunogen for this ADAMTS1 antibody.

## Storage

After reconstitution, the ADAMTS1 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.