

Datasheet for ABIN3029863
anti-ADAMTS1 antibody (AA 956-968)



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2 Images

Overview

Quantity:	100 µg
Target:	ADAMTS1
Binding Specificity:	AA 956-968
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 956-968 (KHYIDFCTLQCS-mouse) were used as the immunogen for this ADAMTS1 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	ADAMTS1
Alternative Name:	ADAMTS1 (ADAMTS1 Products)
Background:	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

Target Details

aggregan 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.

UniProt: [P97857](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

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.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

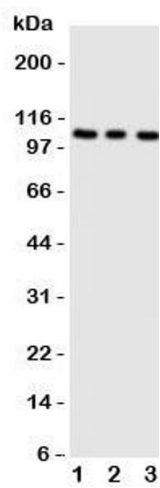
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the ADAMTS1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

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



Western Blotting

Image 2. Western blot testing of ADAMTS1 antibody