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Datasheet for ABIN758894

## anti-ADAMTS13 antibody (AA 401-500) (Cy3)

### Overview

Quantity:	100 µL
Target:	ADAMTS13
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS13 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADAMTS13
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	ADAMTS13
Alternative Name:	ADAMTS13 ( <a href="#">ADAMTS13 Products</a> )

## Target Details

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**Background:** Synonyms: Cleaves the vWF multimers in plasma into smaller forms. Von Willebrand factor cleaving protease, A disintegrin and metalloproteinase with thrombospondin motifs 13, A disintegrin like and metalloprotease reprolysin type with thrombospondin type 1 motif 13, A disintegrin like and metalloprotease with thrombospondin type 1 motif 13, ADAM metalloproteinase with thrombospondin type 1 motif 13, ADAM TS 13, ADAM TS13, ADAM-TS 13, ADAM-TS13, ADAMTS 13, ADAMTS-13, ADAMTS13, ADAMTS13 protein, AT13\_HUMAN, C9orf8, TTP, von Willebrand factor-cleaving protease, vWF cleaving protease, vWF CP, vWF-cleaving protease, vWF-CP, vWF-CP.

**Background:** This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The enzyme encoded by this gene is the von Willebrand Factor (vWF)-cleaving protease, which is responsible for cleaving at the site of Tyr842-Met843 of the vWF molecule. A deficiency of this enzyme is associated with thrombotic thrombocytopenic purpura. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2008].

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**Gene ID:** 11093

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**UniProt:** [Q76LX8](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months