

Rabbit anti-Human ADAMTS13 Polyclonal Antibody | anti-ADAMTS13 antibody

ADAMTS13 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289383	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

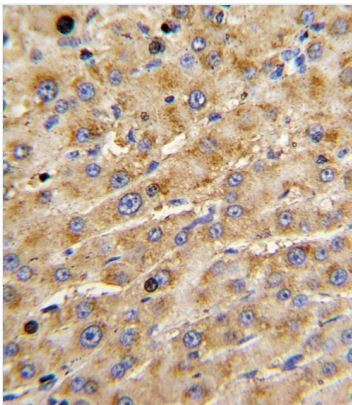
PRODUCT SYNONYMS

ADAMTS13; Polyclonal Antibody; ADAMTS13 Antibody (Center); A disintegrin and metalloproteinase with thrombospondin motifs 13; ADAM-TS 13; ADAM-TS13; ADAMTS-13; von Willebrand factor-cleaving protease; vWF-CP; vWF-cleaving protease; C9orf8; anti-ADAMTS13 antibody

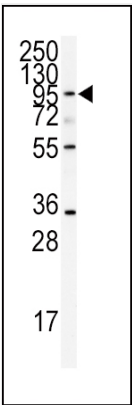
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADAMTS13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 829-858 amino acids from the Central region of human ADAMTS13.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	829-858
Sequence Length	364
Applicable Applications for anti-ADAMTS13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with ADAMTS13 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-ADAMTS13 Antibody (Center) in CEM cell line lysates (35ug/lane). ADAMTS13 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAMTS13 antibody	ADAMTS13 is 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 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.
Product Categories/Family for anti-ADAMTS13 antibody	Cancer; Cell Biology; Signal transduction
References	Zheng X., Chung D., Takayama T.K.J. Biol. Chem. 276:41059-41063(2001) Levy G.G., Nichols W.C.Nature 413:488-494(2001) Cal S., Obaya A.J., Llamazares M., Garabaya C.Gene 283:49-62(2002) Zheng X., Nishio K., Majerus E.M.J. Biol. Chem. 278:30136-30141(2003) Anderson P.J., Kokame K., Sadler J.E.J. Biol. Chem. 281:850-857(2006) Pimanda J.E., Maekawa A., Wind T.Blood 103:627-629(2004) Plaimauer B., Fuhrmann J., Mohr G.Blood 107:118-125(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21265034
NCBI GeneID	11093
NCBI Accession #	NP_620594.1; NP_620595.1; NP_620596.2
NCBI GenBank Nucleotide #	NM_139025.4
UniProt Accession #	Q76LX8; Q6UY16; Q710F6; Q711T8; Q96L37; Q9H0G3; Q9UGQ1
Molecular Weight	153604
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 13
NCBI Official Symbol	ADAMTS13
NCBI Official Synonym Symbols	VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 13

UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Gene Name	ADAMTS13
UniProt Synonym Gene Names	C9orf8; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease
UniProt Entry Name	ATS13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adamts13-antibody-immunohistochemistry-western-blot-elisa/289383>