

Rabbit anti-Human, Mouse ADAMTS5 Polyclonal Antibody | anti-ADAMTS5 antibody

ADAMTS5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306052	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ADAMTS5; Polyclonal Antibody; ADAMTS5 Antibody; A disintegrin and metalloproteinase with thrombospondin motifs 5; ADMP-2; ADAM-TS5; ADAMTS-5; ADAMTS11; ADAM-TS 5; ADAMTS-11; ADAM-TS 11; anti-ADAMTS5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ADAMTS5 protein.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.1mg/ml (varies by lot)
Sequence Length	930
Applicable Applications for anti-ADAMTS5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 529-541 amino acids of Human A disintegrin and metalloproteinase with thrombospondin motifs 5
Target Name	ADAMTS5
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA306052 (ADAMTS5 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)



SDS-PAGE

Gel: 6%SDS-PAGE Lysate: 40 ug Lane 1-2: Hela cell and Human placenta tissue lysates
Primary antibody: AAA306052 (ADAMTS5 Antibody) at dilution 1/1000 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-ADAMTS5 antibody	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) 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 contains two C-terminal TS motifs and functions as aggrecanase to cleave aggrecan, a major proteoglycan of cartilage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195539372
NCBI GeneID	11096
NCBI Accession #	NP_008969
NCBI GenBank Nucleotide #	NM_007038.3
Molecular Weight	102kd
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 5 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 5
NCBI Official Symbol	ADAMTS5
NCBI Official Synonym Symbols	ADMP-2; ADAM-TS5; ADAMTS-5; ADAMTS11; ADAM-TS 5; ADAMTS-11; ADAM-TS 11
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 5
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 5
UniProt Gene Name	ADAMTS5
UniProt Synonym Gene Names	ADAMTS11; ADMP2; ADAM-TS 5; ADAM-TS5; ADAMTS-5; ADAM-TS 11; ADAMTS-11
UniProt Entry Name	ATS5_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/adamts5-antibody-immunohistochemistry-western-blot-elisa/306052>