

Rabbit anti-Human, mouse ADAMTS18 Polyclonal Antibody | anti-ADAMTS18 antibody

ADAMTS18 Antibody (C-term)

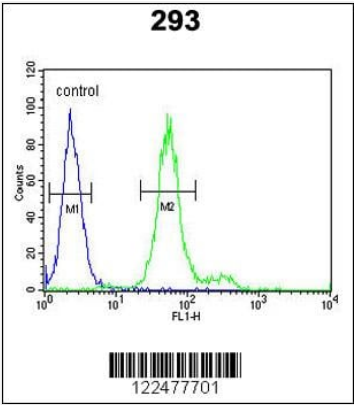
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289764	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

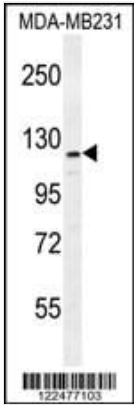
ADAMTS18; Polyclonal Antibody; ADAMTS18 Antibody (C-term); A disintegrin and metalloproteinase with thrombospondin motifs 18; ADAM-TS 18; ADAM-TS18; ADAMTS-18; 3424-; ADAMTS21; anti-ADAMTS18 antibody

PRODUCT SPECIFICATIONS

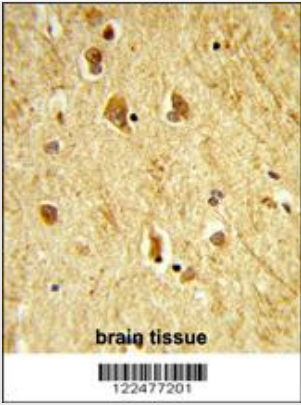
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADAMTS18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1066-1095 amino acids from the C-terminal region of human ADAMTS18.
Purity/Purification	Peptide Affinity Purified 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	1066-1095
Sequence Length	1221
Applicable Applications for anti-ADAMTS18 antibody	FCM/FACS (Flow Cytometry), 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.



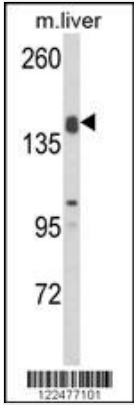
FCM/FACS (Flow Cytometry)
ADAMTS18 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ADAMTS18 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the ADAMTS18 antibody detected the ADAMTS18 protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with ADAMTS18 Antibody (C-term), 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 ADAMTS18 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). ADAMTS18 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAMTS18 antibody	ADAMTS18 is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members 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. This protein has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor.
Product Categories/Family for anti-ADAMTS18 antibody	Cell Biology; Signal transduction
References	Zeng,W., et.al., Biochim. Biophys. Acta 1760 (3), 517-524 (2006) Jin,H., et.al., Oncogene 26 (53), 7490-7498 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40806187
NCBI GeneID	170692
NCBI Accession #	NP_955387.1
NCBI GenBank Nucleotide #	NM_199355.2

UniProt Accession #	Q8TE60 ; Q6P4R5 ; Q6ZWJ9
Molecular Weight	135167
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 18 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 18
NCBI Official Symbol	ADAMTS18
NCBI Official Synonym Symbols	KNO2; MMCAT; ADAMTS21
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 18
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 18
UniProt Gene Name	ADAMTS18
UniProt Synonym Gene Names	ADAMTS21; ADAM-TS 18; ADAM-TS18; ADAMTS-18
UniProt Entry Name	ATS18_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://www.aaabiotech.com/polyclonal/adamts18-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289764>