

ADAMTS1 Rabbit pAb
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Catalog # AP94418**Specification****ADAMTS1 Rabbit pAb - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P97857
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse ADAMTS1
Epitope Specificity	851-967/967
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted > extracellular space > extracellular matrix.
SIMILARITY	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 3 TSP type-1 domains.
Post-translational modifications	The precursor is cleaved by a furin endopeptidase.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

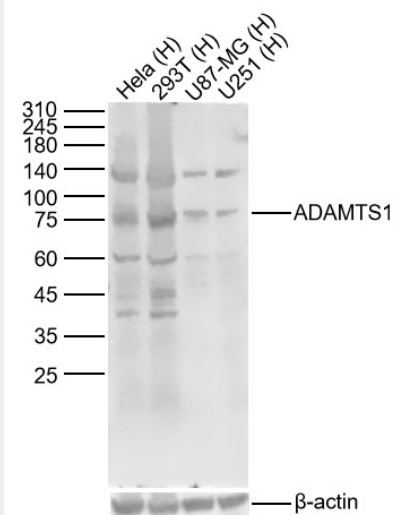
ADAMTS1 is a metalloproteinase of the ADAM (A Disintegrin And Metalloproteinase) family containing disintegrin-like domains. ADAMTS1, also known as METH1, was first described as a protein elevated in invasive mouse tumors. Initial findings indicated a role for ADAMTS1 in tumor progression, since the protein was preferentially expressed in more invasive tumor cell lines. ADAMTS1 is necessary for normal growth, fertility, and organ morphology and function.

ADAMTS1 Rabbit pAb - Additional Information**Gene ID** 11504**Other Names**

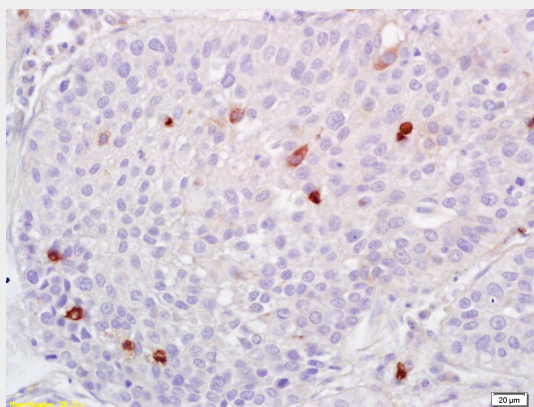
A disintegrin and metalloproteinase with thrombospondin motifs 1, ADAM-TS 1, ADAM-TS1, ADAMTS-1, 3.4.24.-, Adamts1

Dilution

WB~1:1000



Sample: Lane 1: Human Hela cell Lysates Lane 2: Human 293T cell Lysates Lane 3: Human U87-MG cell Lysates Lane 4: Human U251 cell Lysates Primary: Anti-ADAMTS1 (AP94418) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 106kDa Observed band size: 80kDa



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ADAMTS1 Polyclonal Antibody, Unconjugated(AP94418) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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