

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

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">P97857</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105801

**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**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ADAMTS1 Rabbit pAb - Protein Information****Name** Adamts1**Function**

Metalloprotease which cleaves aggrecan, a cartilage proteoglycan, at the '1691-Glu-|-Leu-1692' site (within the chondroitin sulfate attachment domain), and may be involved in its turnover (PubMed:<a href="http://www.uniprot.org/citations/10930576" target="\_blank">10930576</a>, PubMed:<a href="http://www.uniprot.org/citations/9441751" target="\_blank">9441751</a>). Also cleaves COMP (By similarity). Has angiogenic inhibitor activity (By similarity). May play a critical role in follicular rupture (PubMed:<a href="http://www.uniprot.org/citations/10781075" target="\_blank">10781075</a>).

**Cellular Location**

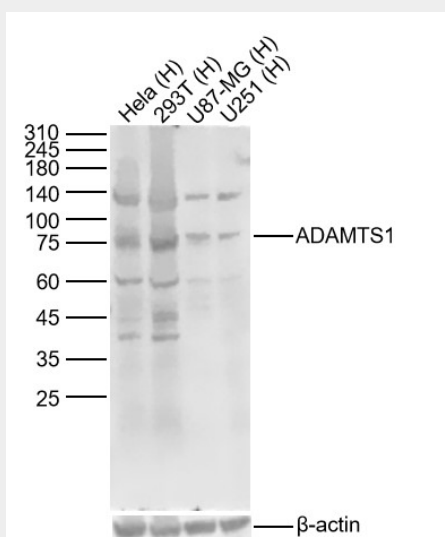
Secreted, extracellular space, extracellular matrix

## ADAMTS1 Rabbit pAb - Protocols

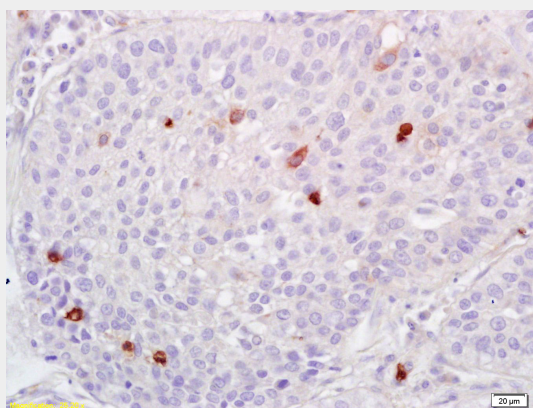
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ADAMTS1 Rabbit pAb - Images



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

**ADAMTS1 Rabbit pAb - Background**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.