

ADAMTS1 Antibody

Lot Number: QF2044933A
Product Data Sheet

Tested Species Reactivity	
Human (Hu)	

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3000
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-29864
Size:	100 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	Recombinant fragment corresponding to a region within amino acids 318 and 643 of Human ADAMTS1

Form Information	
Form:	Liquid
Concentration:	0.99mg/ml
Purification:	Antigen affinity chromatography
Storage Buffer:	PBS, pH 7, with 1% BSA, 20% glycerol
Preservative:	0.01% thimerosal
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information	General Information
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PA5-29864 targets ADAMTS1 in IHC (P) and WB applications and shows reactivity with Human samples.

The PA5-29864 immunogen is recombinant fragment corresponding to a region within amino acids 318 and 643 of Human ADAMTS1.

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This gene encodes 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 protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function.

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