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## Summary

<b>Production Name</b>	ADAMTS-19 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ADAMTS19
<b>Alternative Names</b>	ADAMTS19; A disintegrin and metalloproteinase with thrombospondin motifs 19; ADAM-TS 19; ADAM-TS19; ADAMTS-19
<b>Gene ID</b>	171019.0
<b>SwissProt ID</b>	Q8TE59.The antiserum was produced against synthesized peptide derived from human ADAMTS19. AA range:251-300

## Application

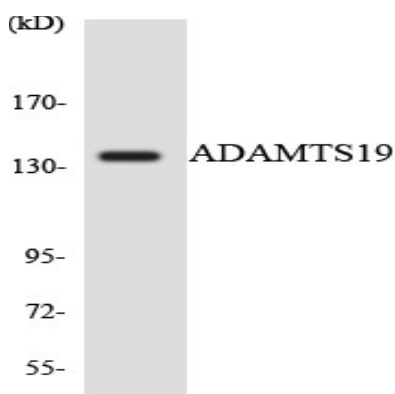
<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:40000.
<b>Molecular Weight</b>	140kD

## Background

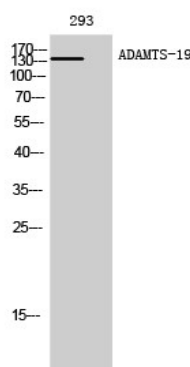
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) 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 has high sequence similarity to the protein encoded by ADAMTS16, another family member. [provided by RefSeq, Jul 2008],cofactor: Binds 1 zinc ion per subunit.,domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.,PTM: The precursor is cleaved by a furin endopeptidase.,similarity: Contains 1 disintegrin domain.,similarity: Contains 1 peptidase M12B domain.,similarity: Contains 1 PLAC domain.,similarity: Contains 5 TSP type-1 domains.,tissue specificity: Expressed in fetal lung, but not in any adult tissues examined. Expression was detected in an osteosarcoma cDNA library.,

## Research Area

## Image Data



Western blot analysis of the lysates from RAW264.7 cells using ADAMTS19 antibody.



Western Blot analysis of 293 cells using ADAMTS-19 Polyclonal Antibody

**Product Name: ADAMTS-19 Rabbit Polyclonal Antibody**  
**Catalog #: APRab06600**



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**Note**

For research use only.