

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



Summary

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

Performance

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

Immunogen

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

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:40000.Not yet tested in other applications.
Molecular Weight	140kDa

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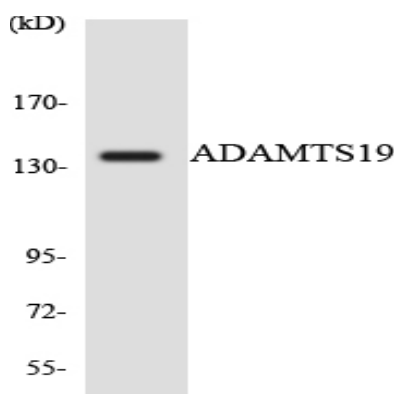


Background

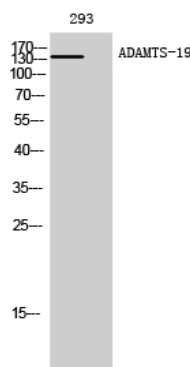
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) 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

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Note

For research use only.