
Summary

Production Name	ADAMTS-18 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,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	ADAMTS18
Alternative Names	ADAMTS18; ADAMTS21; A disintegrin and metalloproteinase with thrombospondin motifs 18; ADAM-TS 18; ADAM-TS18; ADAMTS-18
Gene ID	170692.0
SwissProt ID	Q8TE60.Synthesized peptide derived from ADAMTS-18 . at AA range: 1030-1110

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC-p: 1:100-1:300. ELISA: 1:10000..
Molecular Weight	135kD

Background

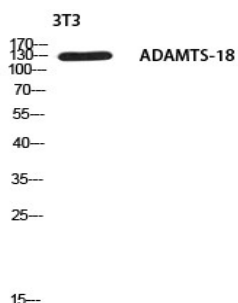
Product Name: ADAMTS-18 Rabbit Polyclonal Antibody
Catalog #: APRab06599



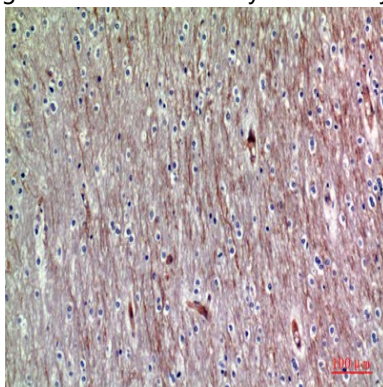
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature protein, which may regulate hemostatic balance and function as a tumor suppressor. Mutations in this gene may be associated with microcornea, myopic chorioretinal atrophy, and telecanthus (MMCAT) and cone-rod dystrophy in human patients. [provided by RefSeq, May 2016],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, liver, and kidney and in adult brain, prostate, submaxillary gland, and endothelium.,

Research Area

Image Data

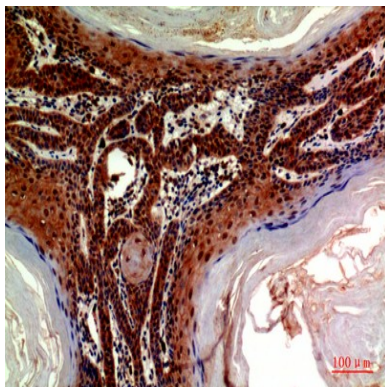


Western blot analysis of 3T3 using ADAMTS-18 antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

Product Name: ADAMTS-18 Rabbit Polyclonal Antibody
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Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200

Note

For research use only.