

ADAMTS-18 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00247
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from ADAMTS-18 . at AA range: 1030-1110
Mol wt	135141
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ADAMTS-18 Antibody
Synonyms	ADAMTS18; ADAMTS21; A disintegrin and metalloproteinase with thrombospondin motifs 18; ADAM-TS 18; ADAM-TS18; ADAMTS-18

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ADAMTS18 (ADAM metallopeptidase with thrombospondin type 1 motif 18) 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 ADAMTS18 may be associated with microcornea, myopic chorioretinal atrophy, and telecanthus (MMCAT) and cone-rod dystrophy in human patients.

Recommended Dilution

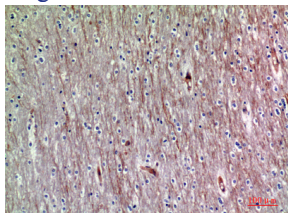
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

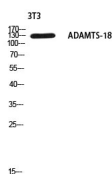
ELISA: 1: 10000

Not yet tested in other applications.

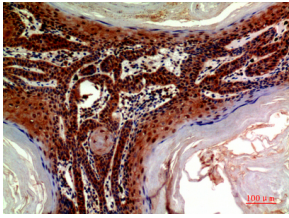
Images



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



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



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

Storage

-20°C for one year

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