

**ADAMTS-18 rabbit pAb****Cat#: orb771293 (Manual)**

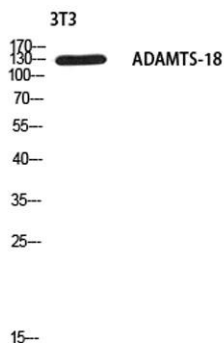
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<b>Product Name</b>	ADAMTS-18 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from ADAMTS-18 . at AA range: 1030-1110
<b>Specificity</b>	ADAMTS-18 Polyclonal Antibody detects endogenous levels of ADAMTS-18 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	A disintegrin and metalloproteinase with thrombospondin motifs 18
<b>Gene Name</b>	ADAMTS18
<b>Cellular localization</b>	Secreted, extracellular space, extracellular matrix .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

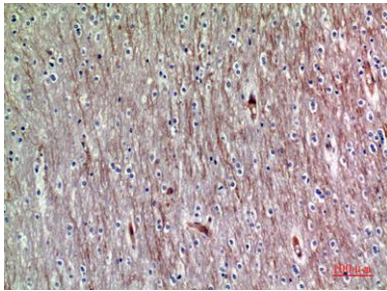
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	135kD
<b>Human Gene ID</b>	170692
<b>Human Swiss-Prot Number</b>	Q8TE60
<b>Alternative Names</b>	ADAMTS18; ADAMTS21; A disintegrin and metalloproteinase with thrombospondin motifs 18; ADAM-TS 18; ADAM-TS18; ADAMTS-18

**Background**

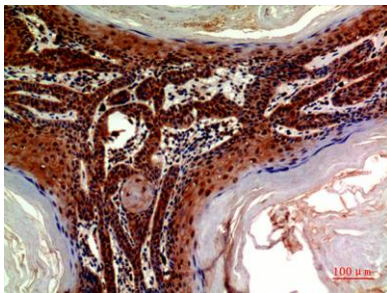
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS)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



**Western blot analysis of 3T3 using ADAMTS-18 antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



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



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