

ADAMTS-18 Rabbit pAb

CatalogNo: YT5670

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 135kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-1:300

ELISA 1:10000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from ADAMTS-18 . at AA range: 1030-1110

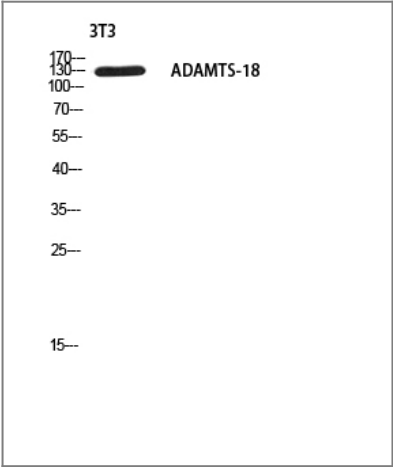
Specificity

ADAMTS-18 Polyclonal Antibody detects endogenous levels of ADAMTS-18 protein.

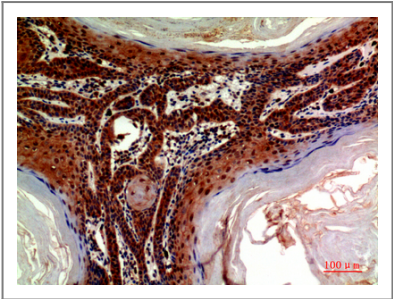
Target Information

Gene name	ADAMTS18		
Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 18		
	Organism	Gene ID	UniProt ID
	Human	170692 ;	Q8TE60 ;
	Mouse	208936 ;	Q4VC17 ;
Cellular Localization	Secreted, extracellular space, extracellular matrix .		
Tissue specificity	Expressed in fetal lung, liver, and kidney and in adult brain, prostate, submaxillary gland, and endothelium.		
Function	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.,		

Validation Data



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



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

| Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**ADAMTS-18 Rabbit
pAb**

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