

ATS14 Rabbit pAb

CatalogNo: YN0414

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 134kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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 human protein . at AA range: 190-270

Specificity

ATS14 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

ADAMTS14

Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 14 (ADAM-TS 14) (ADAM-TS14) (ADAMTS-14) (EC 3.4.24.-)		
	Organism	Gene ID	UniProt ID
	Human	140766 ;	Q8WXS8 ;
Cellular Localization	Secreted, extracellular space, extracellular matrix .		
Tissue specificity	Expressed in retina and at low levels in brain, lung and placenta (PubMed:11779638). High expression in fetal tissues (PubMed:11867212).		
Function	Domain:The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix.,Function:Has a aminoprocollagen type I activity processing activity in the absence of ADAMTS2. Seems to be synthesized as a latent enzyme that requires activation to display aminoprocollagen peptidase activity.,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 4 TSP type-1 domains.,tissue specificity:Expressed in retina and at low levels in brain, lung and placenta. High expression in fetal tissues.,		

Validation Data

Contact information

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ATS14 Rabbit pAb

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