

ADAMTS-16 Rabbit pAb

CatalogNo: YT0114

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, IF, ELISA

MW

- 136kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:40000

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-16 . at AA range: 440-520

Specificity

ADAMTS-16 Polyclonal Antibody detects endogenous levels of ADAMTS-16 protein.

Target Information

Gene name

ADAMTS16

Protein Name A disintegrin and metalloproteinase with thrombospondin motifs 16

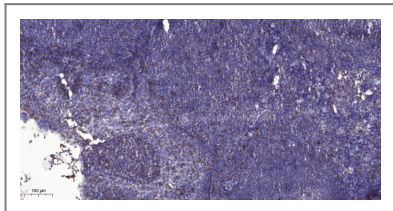
Organism	Gene ID	UniProt ID
Human	170690 ;	Q8TE57 ;
Mouse	271127 ;	Q69Z28 ;

Cellular Localization Secreted, extracellular space, extracellular matrix .

Tissue specificity Expressed in fetal lung and kidney and in adult prostate and ovary.

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., Domain: The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix., 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 6 TSP type-1 domains., tissue specificity: Expressed in fetal lung and kidney and in adult prostate and ovary.,

Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min).

Contact information

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