

Cleaved MMP-23 (Tyr79) Rabbit pAb

CatalogNo: YC0064

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 36kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**ELISA 1:20000****Not yet tested in other applications.**

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

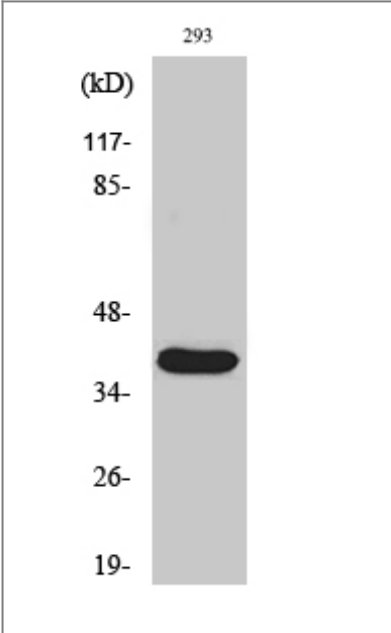
Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human MMP23. AA range: 60-109**Specificity** Cleaved-MMP-23 (Y79) Polyclonal Antibody detects endogenous levels of fragment of activated MMP-23 protein resulting from cleavage adjacent to Y79.

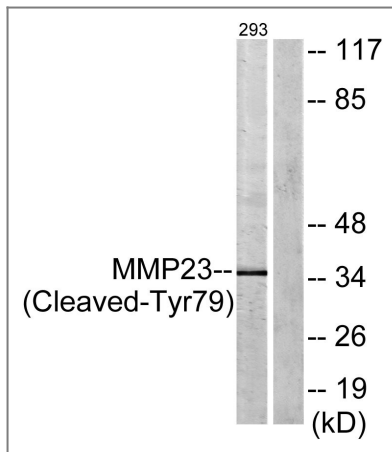
Target Information

Gene name	MMP23B		
Protein Name	Matrix metalloproteinase-23		
	Organism	Gene ID	UniProt ID
	Human	8510 ;	075900 ;
	Mouse	26561 ;	088676 ;
	Rat	94339 ;	088272 ;
Cellular Localization	Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Membrane ; Single-pass type II membrane protein . A secreted form produced by proteolytic cleavage may also exist. .		
Tissue specificity	Predominantly expressed in ovary, testis and prostate.		
Function	cofactor: Binds 1 zinc ion per subunit., enzyme regulation: Inhibited by TIMP2., Function: Protease., PTM: N-glycosylated., PTM: Proteolytic cleavage might yield an active form., similarity: Belongs to the peptidase M10A family., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., subcellular location: A secreted form produced by proteolytic cleavage seems also to exist., tissue specificity: Predominantly expressed in ovary, testis and prostate.,		

| Validation Data



Western Blot analysis of various cells using Cleaved-MMP-23 (Y79) Polyclonal Antibody



Western blot analysis of lysates from 293 cells, treated with etoposide 25uM 1h, using MMP23 (Cleaved-Tyr79) Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

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Please scan the QR code to access additional product information:
Cleaved MMP-23 (Tyr79) Rabbit pAb

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)