

产品名称: Cleaved-MMP-27 (Y99) Rabbit Polyclonal Antibody
产品货号: APRab09015



产品概述 (Summary)

产品名称 (Production Name)	Cleaved-MMP-27 (Y99) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MMP27
别名 (Alternative Names)	MMP27; Matrix metalloproteinase-27; MMP-27
基因 ID (Gene ID)	64066.0
蛋白 ID (SwissProt ID)	Q9H306.The antiserum was produced against synthesized peptide derived from human MMP27. AA range:80-129

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

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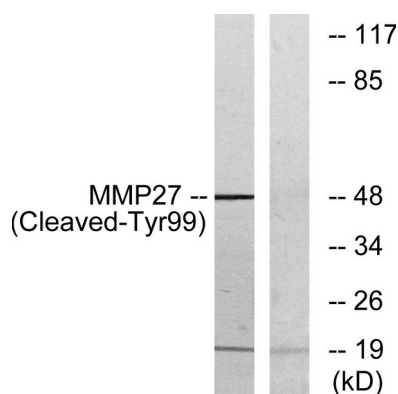
研究背景 (Background)

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. [provided by RefSeq, Jul 2008],cofactor: Binds 2 zinc ions per subunit.,cofactor: Binds 4 calcium ions 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.,function: Matrix metalloproteinases degrade protein components of the extracellular matrix such as fibronectin, laminin, gelatins and/or collagens.,similarity: Belongs to the peptidase M10A family.,similarity: Contains 4 hemopexin-like domains.,tissue specificity: Expressed in B-cells.,

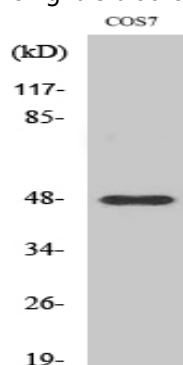
研究领域 (Research Area)

Angiogenesis

图片 (Image Data)



Western blot analysis of lysates from COS7 cells, treated with etoposide 25uM 1h, using MMP27 (Cleaved-Tyr99) Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cleaved-MMP-27 (Y99) Polyclonal Antibody

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注意事项 (Note)

For research use only .