

产品名称: TIMP-4 Rabbit Polyclonal Antibody
产品货号: APRab18953



产品概述 (Summary)

产品名称 (Production Name)	TIMP-4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	TIMP4
别名 (Alternative Names)	TIMP4; Metalloproteinase inhibitor 4; Tissue inhibitor of metalloproteinases 4; TIMP-4
基因 ID (Gene ID)	7079.0
蛋白 ID (SwissProt ID)	Q99727.The antiserum was produced against synthesized peptide derived from human TIMP4. AA range:175-224

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	26kDa

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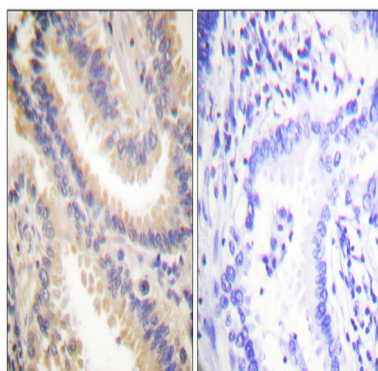
研究背景 (Background)

This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008],function:Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.,similarity:Belongs to the protease inhibitor I35 (TIMP) family.,similarity:Contains 1 NTR domain.,tissue specificity:Abundant in heart and present at low levels in many other tissues.,

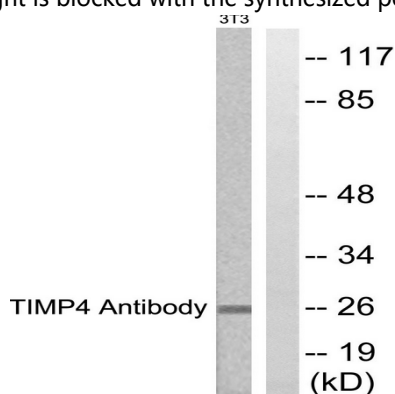
研究领域 (Research Area)

Cardiovascular Angiogenesis; Adhesion / ECM; Matrix Metalloproteinases; TIMP; Cancer; Invasion/microenvironment; ECM enzymes; Extracellular matrix; Cell Biology; Proteolysis / Ubiquitin; Protease inhibitors; Metalloprotease inhibitors

图片 (Image Data)

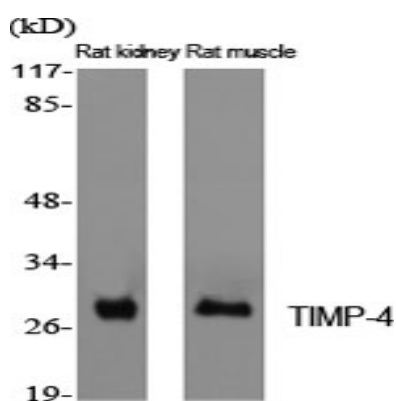


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TIMP4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using TIMP4 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using TIMP-4 Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .