

产品名称: Seprase Rabbit Polyclonal Antibody
产品货号: APRab17735



产品概述 (Summary)

产品名称 (Production Name)	Seprase 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)	FAP
别名 (Alternative Names)	FAP; Seprase; 170 kDa melanoma membrane-bound gelatinase; Fibroblast activation protein alpha; Integral membrane serine protease
基因 ID (Gene ID)	2191.0
蛋白 ID (SwissProt ID)	Q12884.The antiserum was produced against synthesized peptide derived from human FAP-1. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:100-1:300,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	90kDa

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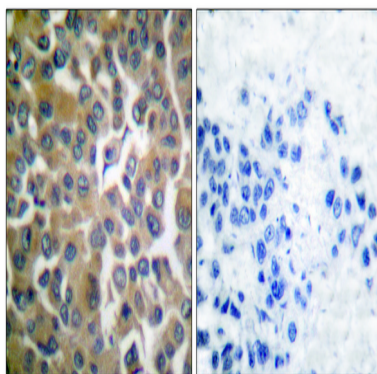
研究背景 (Background)

The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014],catalytic activity:Degrades gelatin and heat-denatured type I and type IV collagen, but not native type I or type IV collagen. Does not cleave laminin, fibronectin, fibrin or casein.,function:May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers.,induction:In fibroblasts at times and sites of tissue remodeling during development, tissue repair, and carcinogenesis.,PTM:N-glycosylated.,PTM:The N-terminus may be blocked.,similarity:Belongs to the peptidase S9B family.,subcellular location:Found in cell surface lamellipodia, invadopodia and on shed vesicles.,subunit:Homodimer, or heterodimer with DPP4. The monomer is inactive.,tissue specificity:Fibroblast specific.,

研究领域 (Research Area)

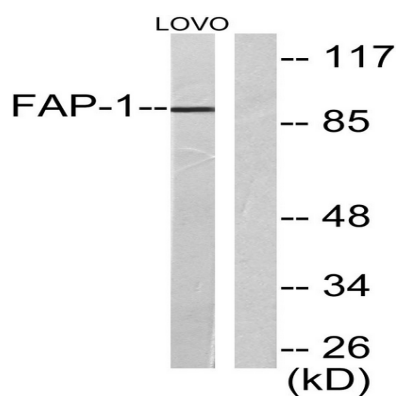
Cell Biology

图片 (Image Data)

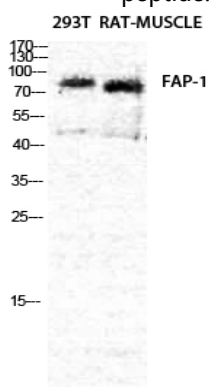


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FAP-1 Antibody. The picture on the right is blocked with the synthesized peptide.

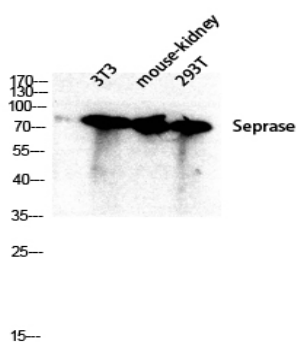
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Western blot analysis of lysates from LOVO cells, using FAP-1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of RAT-MUSCLE 293T cells using Seprase Polyclonal Antibody diluted at 1: 2000



Western blot analysis of 3T3 mouse-kidney 293T lysis using Seprase antibody. Antibody was diluted at 1:2000

注意事项 (Note)

For research use only .