



FAP-1 Polyclonal Antibody

Catalog No BYab-10804 Isotype IgG Reactivity Human;Mouse;Rat Applications WB;ELISA Gene Name FAP Protein Name Seprase (EC 3.4.21) (170 kDa melanoma membrane-bound gelatinase) (Fibroblast activation protein alpha) (Integral membrane serine protease) Immunogen Synthesized peptide derived from human FAP-1 Polyclonal Specificity This antibody detects endogenous levels of FAP-1. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000, ELISA 1:10000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Seprase (EC 3.4.21) (170 kDa melanoma membrane-bound gelatinase) (Fibroblast activation protein alpha) (Integral membrane ; Single-pass type II membrane protein. Cell projection, jumelipodium membrane ; Single-pass type II membrane protein. Cell projection, jumelipodium membrane ; Single-pass type II membrane protein. Cell projection, jumelipodium membrane ; Single-pass type II membrane protein. Cell projection, jumelipodium membrane ; Single-pass type II membr		
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国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



	and myofibroblasts from cirrhotic liver, but not detected in normal liver. Expressed in glioma cells (at protein level). Expressed in glioblastomas and glioma cells. Isoform 1 and isoform 2 are expressed in melanoma, carcinoma and fibroblast cell lines.
Function	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.
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images		
178 100 70 55 40 35	Western blot analysis of mouse-lung lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000	
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