

产品名称: BMP-1 Rabbit Polyclonal Antibody
产品货号: APRab07587



产品概述 (Summary)

产品名称 (Production Name)	BMP-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	BMP1 PCOLC
别名 (Alternative Names)	Bone morphogenetic protein 1 (BMP-1; EC 3.4.24.19; Mammalian tolloid protein; mTld; Procollagen C-proteinase; PCP)
基因 ID (Gene ID)	649.0
蛋白 ID (SwissProt ID)	P13497. Synthetic peptide from human protein at AA range: 131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

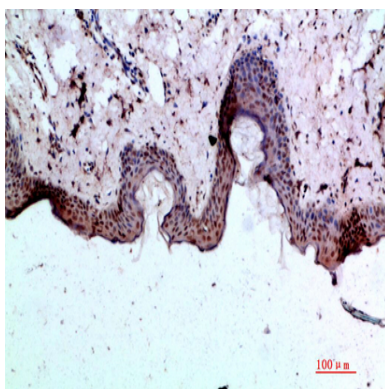
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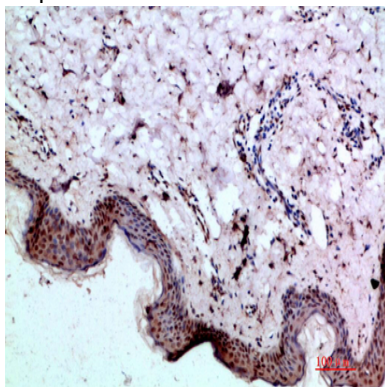
This gene encodes a protein that is capable of inducing formation of cartilage in vivo. Although other bone morphogenetic proteins are members of the TGF-beta superfamily, this gene encodes a protein that is not closely related to other known growth factors. This gene is expressed as alternatively spliced variants that share an N-terminal protease domain but differ in their C-terminal region. [provided by RefSeq, Aug 2008],catalytic activity: Cleavage of the C-terminal propeptide at Ala-|-Asp in type I and II procollagens and at Arg-|-Asp in type III.,cofactor: Binds 1 zinc ion per subunit.,enzyme regulation: Activity is increased by the procollagen C-endopeptidase enhancer protein.,function: Cleaves the C-terminal propeptides of procollagen I, II and III. Induces cartilage and bone formation. May participate in dorsoventral patterning during early development by cleaving chordin (CHRD).,similarity: Belongs to the peptidase M12A family.,similarity: Contains 2 EGF-like domains.,similarity: Contains 5 CUB domains.,tissue specificity: Ubiquitous.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200

注意事项 (Note)

For research use only .

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