Product Name: BMP-1 Rabbit Polyclonal Antibody
Catalog #: APRab07587
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	

Antigen Information

Gene Name	BMP1 PCOLC
Alternative Names	Bone morphogenetic protein 1 (BMP-1;EC 3.4.24.19;Mammalian tolloid protein;mTld;Procollagen C-proteinase;PCP)
Gene ID	649.0
SwissProt ID	P13497
Immunogen	Synthetic peptide from human protein at AA range: 131-180

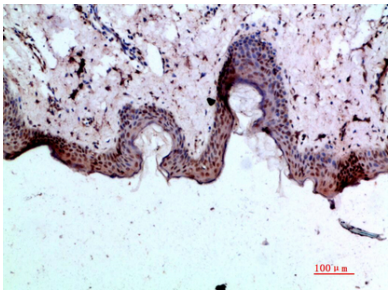
Background

This gene encodes a protein that is capable of inducing formation of cartilage in vivo. Although other bone morphogenetic

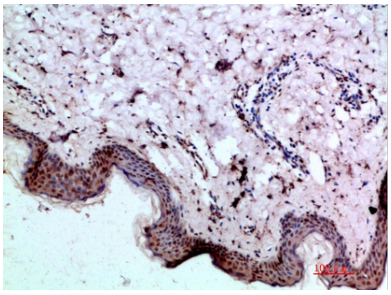
proteins are members of the TGF-beta superfamily, this gene encodes a protein that is not closely related to other known growth factors. This gene is expressed as alternatively spliced variants that share an N-terminal protease domain but differ in their C-terminal region. [provided by RefSeq, Aug 2008],catalytic 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.,

Research Area

Image Data



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



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