

Product name:	BMP-1 Rabbit Polyclonal Antibody
Cat number:	ABN07587
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide from human protein at AA range: 131-180
Reactivity:	Human, Mouse, Rat
Applications:	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.,