

骨形态发生蛋白 8 抗体

产品货号： mlR3670

英文名称： BMP8b

中文名称： 骨形态发生蛋白 8 抗体

别名： one morphogenetic protein 8; BMP-8; BMP 8; BMP8; OP2; Osteogenic protein 2; BMP-8B; Bmp8b; BMP8B_HUMAN; BMP-8A; Bmp8b; BMP8B_HUMAN; Bone morphogenetic protein 8B; BMP8B bone morphogenetic protein 8b; BMP8A bone morphogenetic protein 8a; FLJ14351; FLJ45264; OP 2; Osteogenic protein-2; bone morphogenetic protein 8B preproprotein.

研究领域： 细胞生物 免疫学 生长因子和激素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 45kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human BMP8:331-402/402

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has led to speculation of possible bone inductive activity. [provided by RefSeq, Jul 2008].

Function:

Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis.

Subunit:

Homodimer; disulfide-linked.

Subcellular Location:

Secreted.

Similarity:

Belongs to the TGF-beta family.

SWISS:

P34820

Gene ID:

656

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.