

Anti-BMP7 兔多克隆抗体

K1346455 -20°C



产品信息

蛋白质全称	骨形态发生蛋白 7
别名	BMP 7, BMP7, BMP-7, bone morphogenetic protein 7, Eptotermin alfa, OP 1, OP1, Osteogenic protein 1
免疫原	KLH 偶联的小鼠 BMP7 合成肽
Uniprot ID	P23359
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	49 kDa / 49 kDa

应用

WB 免疫印迹

物种: 人
 稀释比: 1: 300-1: 400
 阳性样品: MCF7 细胞

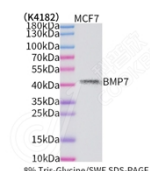
背景

Growth factor of the TGF-beta superfamily that plays important role in various biological processes, including embryogenesis, hematopoiesis, neurogenesis and skeletal morphogenesis. Initiates the canonical BMP signaling cascade by associating with type I receptor ACVR1 and type II receptor ACVR2A. Once all three components are bound together in a complex at the cell surface, ACVR2A phosphorylates and activates ACVR1. In turn, ACVR1 propagates signal by phosphorylating SMAD1/5/8 that travel to the nucleus and act as activators and repressors of transcription of target genes. For specific functions such as growth cone collapse in developing spinal neurons and chemotaxis of monocytes, uses also BMPR2 as type II receptor.

储存条件

储存条件: 自收到之日起 -20°C下储存一年, 避免反复冻融。
储存缓冲液: 含 0.15% ProClin300 防腐剂, 100 μg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



WB 检测 BMP7 蛋白(货号 K1346455).
 样品: 经 RIPA 裂解液(货号 KSG2002)处理的蛋白质.
 封闭: 3%脱脂牛奶(货号 KSGC310001)溶于 TBST 溶液,
 室温孵育 1 小时.
 一抗: 1: 300 稀释, 4°C 孵育过夜.
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1:
 5000 稀释, 室温孵育 1 小时.

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