

产品名称: BMP-10 Rabbit Polyclonal Antibody
产品货号: APRab07588



产品概述 (Summary)

产品名称 (Production Name)	BMP-10 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	BMP10
别名 (Alternative Names)	bone morphogenetic protein 10
基因 ID (Gene ID)	27302.0
蛋白 ID (SwissProt ID)	O95393.Synthesized peptide derived from BMP-10 at AA range: 361-410

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of

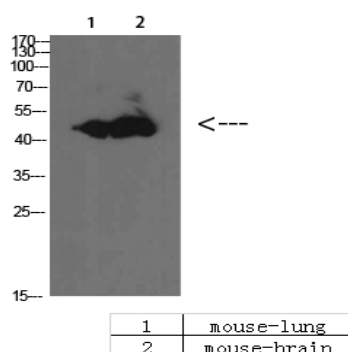
产品名称: BMP-10 Rabbit Polyclonal Antibody
产品货号: AP Rab07588



this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate the mature protein, which binds to the activin receptor-like kinase 1 (ALK1) and plays important roles in cardiovascular development including cardiomyocyte proliferation and regulation of heart size, closure of the ductus arteriosus, angiogenesis and ventricular trabeculation. [provided by RefSeq, Aug 2016],function:Required for maintaining the proliferative activity of embryonic cardiomyocytes by preventing premature activation of the negative cell cycle regulator CDKN1C/p57KIP and maintaining the required expression levels of cardiogenic factors such as MEF2C and NKX2-5. Acts as a ligand for ACVRL1/ALK1, BMPR1A/ALK3 and BMPR1B/ALK6, leading to activation of SMAD1, SMAD5 and SMAD8 transcription factors. Inhibits endothelial cell migration and growth.,online information:Bone morphogenetic protein 10 entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of mouse-brain mouse-lung cells using BMP-10 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .