

产品名称: BMP-2 Rabbit Polyclonal Antibody
产品货号: APRab07591



产品概述 (Summary)

产品名称 (Production Name)	BMP-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	BMP2
别名 (Alternative Names)	BMP2; BMP2A; Bone morphogenetic protein 2; BMP-2; Bone morphogenetic protein 2A; BMP-2A
基因 ID (Gene ID)	650.0
蛋白 ID (SwissProt ID)	P12643.The antiserum was produced against synthesized peptide derived from human BMP-2. AA range:226-275

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	60kDa

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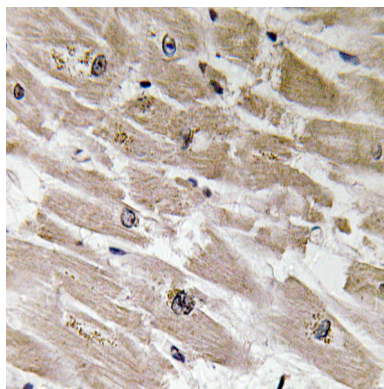
研究背景 (Background)

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of 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 each subunit of the disulfide-linked homodimer, which plays a role in bone and cartilage development. Duplication of a regulatory region downstream of this gene causes a form of brachydactyly characterized by a malformed index finger and second toe in human patients. [provided by RefSeq, Jul 2016],function:Induces cartilage and bone formation.,online information:Bone morphogenetic protein 2 entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked. Interacts with GREM2 (By similarity) and SOSTDC1.,tissue specificity:Particularly abundant in lung, spleen and colon and in low but significant levels in heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, ovary and small intestine.,

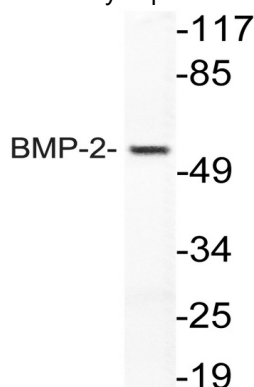
研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Hedgehog;TGF-beta;Pathways in cancer;Basal cell carcinoma;

图片 (Image Data)

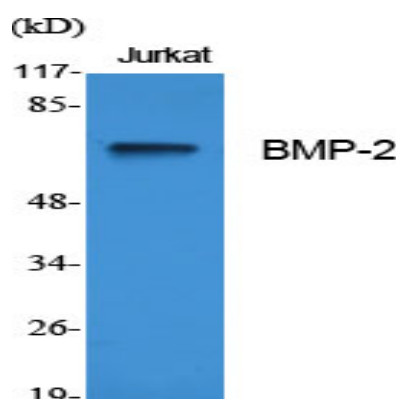


Immunohistochemistry analysis of BMP-2 antibody in paraffin-embedded human heart tissue.



Western blot analysis of lysate from HUVEC cells, using BMP-2 antibody.

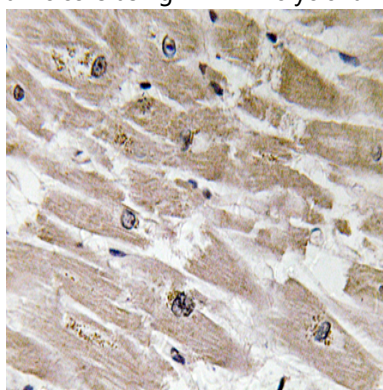
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Western Blot analysis of various cells using BMP-2 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of HuvEc cells using BMP-2 Polyclonal Antibody diluted at 1: 500



Immunohistochemistry of paraffin-embedded human heart tissue using antibody at dilution 1:100

注意事项 (Note)

For research use only .