

Basic Information

Product Name	Anti-BMP2 Antibody
Gene Name	BMP2
Source	Rabbit
Isotype	IgG
Species Reactivity	human,mouse,rat
Tested Application	IHC
Contents	500 ug/ml antibody with PBS , 0.02% Na ₃ N , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BMP-2 (283-312aa QAKHKQRKRLKSSCKRHPLYVDFSDVGWND), identical to the related mouse and rat sequences.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

BMP2 is also known as Bone morphogenetic protein 2 or BMP2A. It is mapped to 20p12. The protein encoded by this gene belongs to the transforming growth factor-beta (TGFB) superfamily. BMP-2, like other bone morphogenetic proteins, plays an important role in the development of bone and cartilage. It is involved in the hedgehog pathway, TGF beta signaling pathway, and in Cytokine-cytokine receptor interaction. Also, it is involved in cardiac cell differentiation and epithelial to mesenchymal transition. In addition, BMP2A has been suggested as a reasonable candidate for the human condition fibrodysplasia (myositis) ossificans progressiva, on the basis of observations in a Drosophila model.

Reference

Anti-BMP2 Antibody被引用在4文献中。

Product datasheet

Anti-BMP2 Antibody

Catalog Number: **BA0585-1**



antibody and ELISA experts

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Selected Validation Data