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Datasheet for ABIN702415
anti-BMP8B antibody (AA 331-402)

Overview

Quantity:	100 µL
Target:	BMP8B (BMP8)
Binding Specificity:	AA 331-402
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP8B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BMP8
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	BMP8B (BMP8)
Alternative Name:	BMP8 (BMP8 Products)

Target Details

Background: Synonyms: 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.

Background: 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].

Gene ID: 656

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months