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Datasheet for ABIN7073217
anti-BMP8B antibody

1 Image

Overview

Quantity:	100 µL
Target:	BMP8B (BMP8)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP8B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse OP-2
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	BMP8B (BMP8)
Alternative Name:	OP-2 (BMP8 Products)
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

Target Details

development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has led to speculation of possible bone inductive activity.

Molecular Weight: 55 kDa

Gene ID: 12164

NCBI Accession: [NP_031585](#)

UniProt: [P55105](#)

Application Details

Application Notes: WB (H,M,R) 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

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

Storage: -20 °C

Images

Western Blotting

Image 1. Western blot analysis of BMP8B (ABIN7073217) at dilution of 1: 500

