Datasheet for ABIN7254718

anti-BMP1 antibody

1 Image

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Overview

Quantity:	200 µL
Target:	BMP1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of human BMP1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	BMP1
Alternative Name:	BMP1 (BMP1 Products)
Background:	BMP1 (Bone Morphogenetic Protein 1) is a Protein Coding gene. Diseases associated with BMP1 include Osteogenesis Imperfecta, Type Xiii and Bmp1-Related Osteogenesis Imperfecta. Among its related pathways are GPCR Pathway and PEDF Induced Signaling. GO annotations related to this gene include calcium ion binding and growth factor activity. An important paralog

Target Details

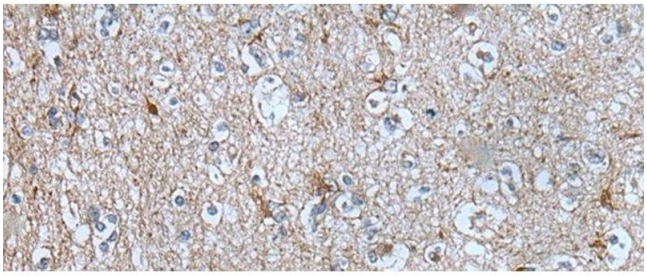
	of this gene is TLL2.This gene encodes a protein that is capable of inducing formation of cartilage in vivo. Although other bone morphogenetic proteins are members of the TGF-beta superfamily, this gene encodes a protein that is not closely related to other known growth factors. This gene is expressed as alternatively spliced variants that share an N-terminal protease domain but differ in their C-terminal region.
UniProt:	P13497
Pathways:	Lipid Metabolism

Application Details

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.8 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain tissue using BMP1 Polyclonal Antibody at dilution of 1:105(x200)