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Datasheet for ABIN3030178 anti-BMP5 antibody (AA 16-46)

3 Images



Overview

Quantity:	0.4 mL
Target:	BMP5
Binding Specificity:	AA 16-46
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

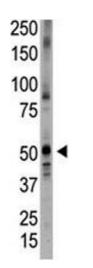
Immunogen:	A portion of amino acids 16-46 from the human protein was used as the immunogen for this BMP5 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Purified
Target Details	

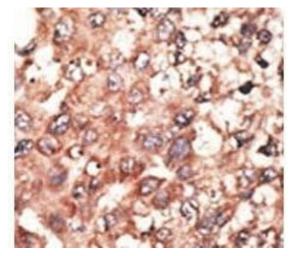
Target:BMP5Alternative Name:BMP5 (BMP5 Products)Background:Bmp5 is a member of the bone morphogenetic protein family which is part of the transforming

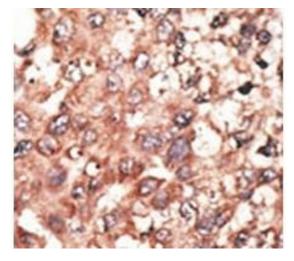
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Target Details

	growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors.
UniProt:	P22003
Pathways:	Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process
Application Details	
Application Notes:	Titration of the BMP5 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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
Storage Comment:	Aliquot the BMP5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.







Western Blotting

Image 1. Western blot testing of BMPR antibody and placenta tissue lysate.

Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma tissue stained with the BMP5 antibody

Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with the BMP5 antibody

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