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anti-BMP4 antibody (AA 23-204)

3 Images



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Overview

Quantity:	100 μL
Target:	BMP4
Binding Specificity:	AA 23-204
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This BMP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Bone Morphogenetic Protein 4 (BMP4)
Immunogen:	Recombinant Bone Morphogenetic Protein 4 (BMP4) corresdonding to His23~Arg204 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against BMP4. It has been selected for its ability to recognize BMP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

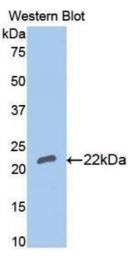
Target:	BMP4
Alternative Name:	Bone Morphogenetic Protein 4 (BMP4 Products)
Background:	BMP2B, BMP2-B, BMP2B1, ZYME, DVR4, Bone morphogenetic protein 2B
Pathways:	Steroid Hormone Mediated Signaling Pathway, Regulation of Muscle Cell Differentiation, Tube Formation, Skeletal Muscle Fiber Development

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	Formation, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of BMP4 in Rabbit Liver lysate using Polyclonal Antibody to Bone Morphogenetic Protein 4 (BMP4)



Western Blotting

Image 2. Detection of Recombinant BMP4, Rabbit using Polyclonal Antibody to Bone Morphogenetic Protein 4 (BMP4)

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Western Blotting

Image 3. Detection of BMP4 in Rabbit Serum using Polyclonal Antibody to Bone Morphogenetic Protein 4 (BMP4)