

Datasheet for ABIN7430396  
**anti-BMP2 antibody (AA 49-243)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	BMP2
Binding Specificity:	AA 49-243
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)
Immunogen:	Recombinant Bone Morphogenetic Protein 2 (BMP2) corresponding to Ser49~Ile243 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BMP2. It has been selected for its ability to recognize BMP2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

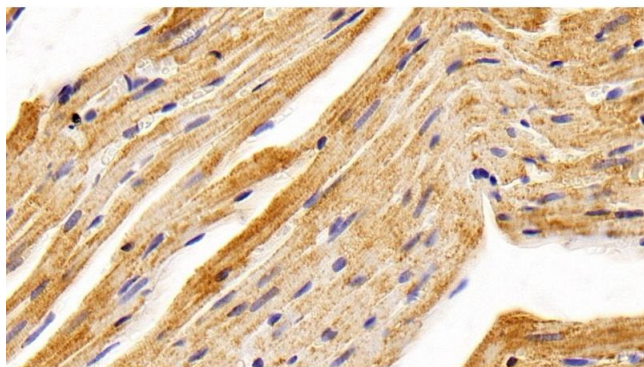
Target:	BMP2
Alternative Name:	Bone Morphogenetic Protein 2 ( <a href="#">BMP2 Products</a> )
Background:	BMP2A, BMP-2A, Hemochromatosis Modifier
Pathways:	<a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Growth Factor Binding</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## 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

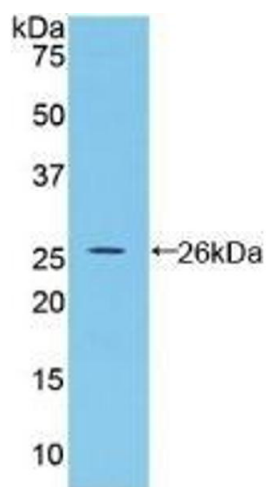
## Handling

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



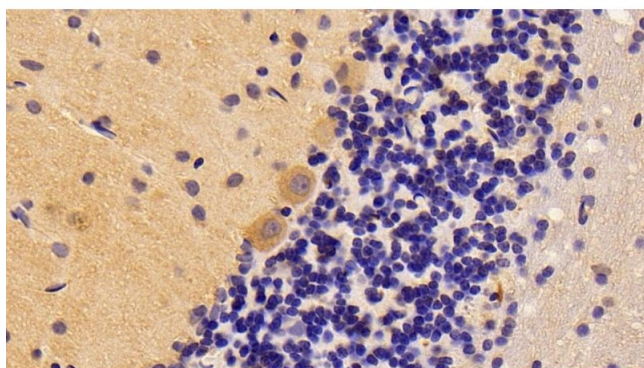
#### Immunohistochemistry

**Image 1.** Detection of BMP2 in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)



#### Western Blotting

**Image 2.** Detection of Recombinant BMP2, Rat using Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)



#### Immunohistochemistry

**Image 3.** Detection of BMP2 in Rat Cerebellum Tissue using Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7430396.