

Datasheet for ABIN7428398
anti-BMP10 antibody (AA 315-424)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	BMP10
Binding Specificity:	AA 315-424
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BMP10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Bone Morphogenetic Protein 10 (BMP10)
Immunogen:	Recombinant Bone Morphogenetic Protein 10 (BMP10) corresponding to Arg315~Arg424 (Accession # 095393) with N-terminal His and GST Tag
Clone:	A1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against BMP10. It has been selected for its ability to recognize BMP10 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

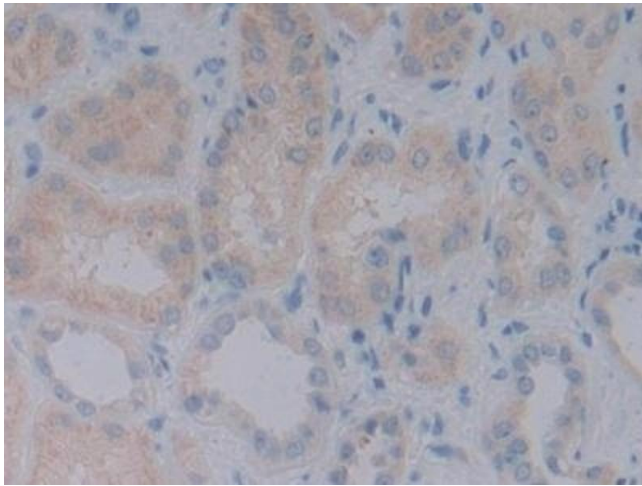
Target:	BMP10
Alternative Name:	Bone Morphogenetic Protein 10 (BMP10 Products)
Pathways:	Hormone Activity , Regulation of Muscle Cell Differentiation

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

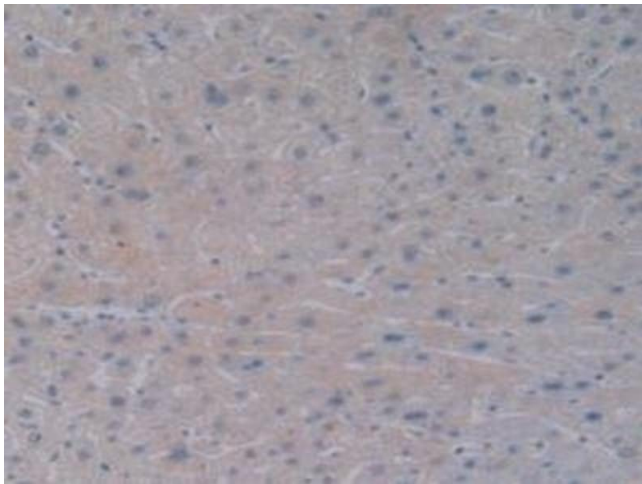
Handling

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



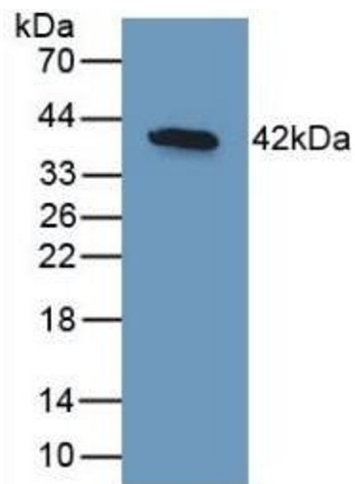
Immunohistochemistry

Image 1. Detection of BMP10 in Human Kidney Tissue using Monoclonal Antibody to Bone Morphogenetic Protein 10 (BMP10)



Immunohistochemistry

Image 2. Detection of BMP10 in Human Liver Tissue using Monoclonal Antibody to Bone Morphogenetic Protein 10 (BMP10)



Western Blotting

Image 3. Detection of Recombinant BMP10, Human using Monoclonal Antibody to Bone Morphogenetic Protein 10 (BMP10)