

Datasheet for ABIN7438490
anti-BMP2 antibody (AA 274-382)



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1 Image

Overview

Quantity:	100 µL
Target:	BMP2
Binding Specificity:	AA 274-382
Reactivity:	Pig
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 Pro274~Lys382 (Accession # E1AXT2)
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	BMP2
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Target Details

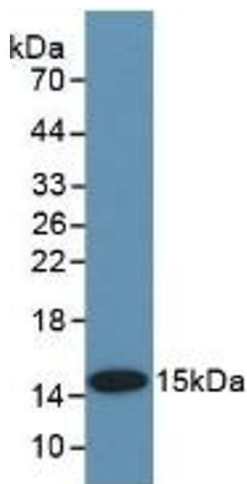
Alternative Name:	BMP2 (BMP2 Products)
Background:	BMP2A, BMP-2A, Hemochromatosis Modifier
UniProt:	E1AXT2
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Regulation of Muscle Cell Differentiation , Growth Factor Binding , Positive Regulation of fat Cell 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
Concentration:	500 µg/mL
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 Recombinant BMP2, Porcine using Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)