

Datasheet for ABIN7426049

anti-BMP7 antibody (AA 30-431)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	BMP7
Binding Specificity:	AA 30-431
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BMP7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)
Immunogen:	Recombinant Bone Morphogenetic Protein 7 (BMP7) corresponding to Asp30~His431 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against BMP7. It has been selected for its ability to recognize BMP7 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

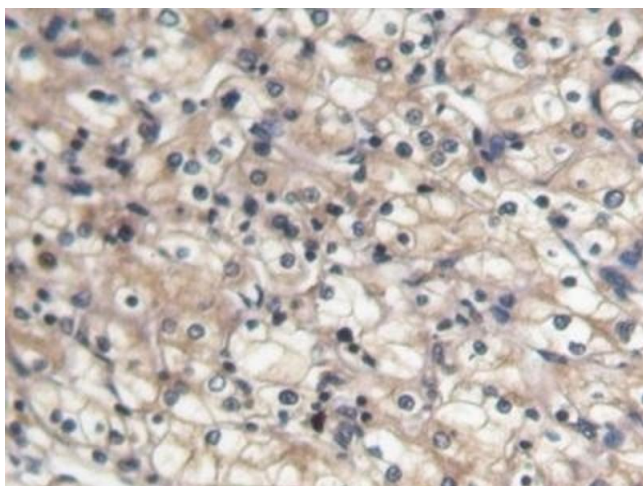
Target:	BMP7
Alternative Name:	BMP7 (BMP7 Products)
Background:	OP1, Osteogenic Protein-1, Eptotermin alfa
UniProt:	P18075
Pathways:	Steroid Hormone Mediated Signaling Pathway , Stem Cell Maintenance

Application Details

Application Notes:	Western blottin:g: 0.01-2 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:	1 mg/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



Immunohistochemistry

Image 1. Detection of BMP7 in Human Renal cancer Tissue using Monoclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)