

Datasheet for ABIN7442513
anti-BMP7 antibody (AA 123-393)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BMP7
Binding Specificity:	AA 123-393
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)
Immunogen:	Recombinant Bone Morphogenetic Protein 7 (BMP7) corresponding to Asp123~Lys393 (Accession # L8J3Q0)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BMP7. It has been selected for its ability to recognize BMP7 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	BMP7
---------	------

Target Details

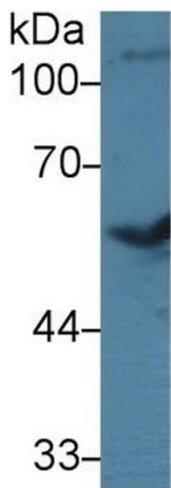
Alternative Name:	Bone Morphogenetic Protein 7 (BMP7 Products)
Background:	OP1, Osteogenic Protein-1, Eptotermin alfa
Pathways:	Steroid Hormone Mediated Signaling Pathway , Stem Cell Maintenance

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:380-1500 Immunohistochemistry: 5-20 µg/mL 1:38-150 Immunocytochemistry: 5-20 µg/mL 1:38-150 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

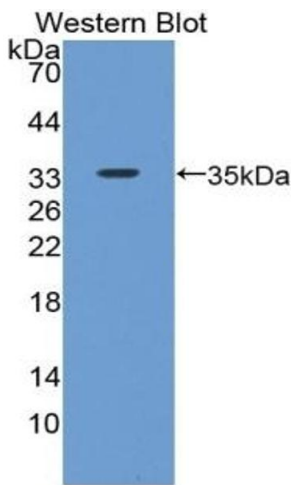
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



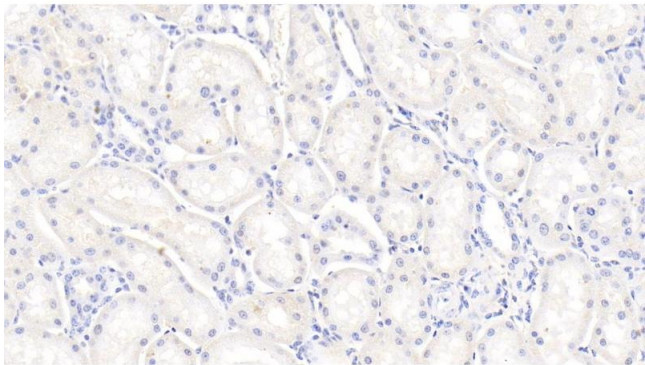
Western Blotting

Image 1. Detection of BMP7 in Bovine Cerebrum lysate using Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)



Western Blotting

Image 2. Detection of Recombinant BMP7, Human using Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)



Immunohistochemistry

Image 3. Detection of BMP7 in Bovine Kidney Tissue using Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)