Datasheet for ABIN7443842

anti-Osteopontin antibody (AA 17-317)

7 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Osteopontin (SPP1)
Binding Specificity:	AA 17-317
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Osteopontin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Osteopontin (OPN)
Immunogen:	Eukaryotic Osteopontin (OPN) corresdonding to Leu17~Asn317 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OPN. It has been selected for its ability to recognize OPN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

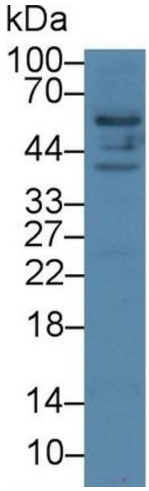
Target:	Osteopontin (SPP1)
Alternative Name:	Osteopontin (SPP1 Products)
Background:	SPP1, BNSP, BSPI, ETA1, Secreted Phosphoprotein 1, Bone Sialoprotein I, Early T-Lymphocyte Activation 1, Nephropontin, Urinary stone protein, Uropontin
Pathways:	Regulation of Cell Size

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

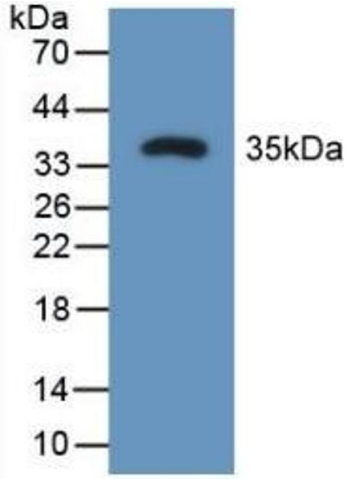
Handling

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



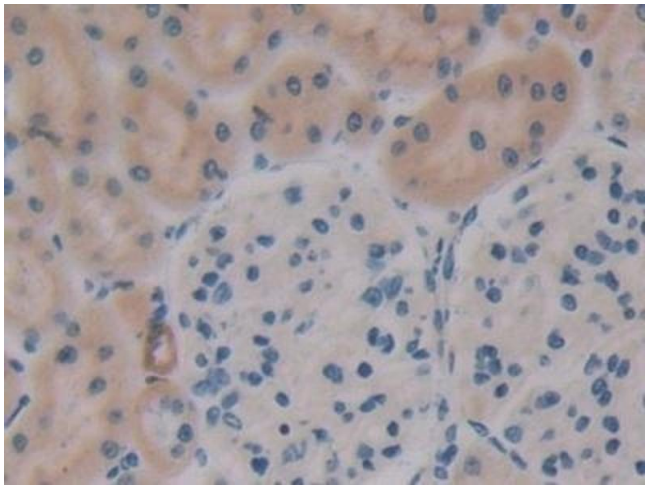
Western Blotting

Image 1. Detection of OPN in Human Jurkat cell lysate using Polyclonal Antibody to Osteopontin (OPN)



Western Blotting

Image 2. Detection of Recombinant OPN, Rat using Polyclonal Antibody to Osteopontin (OPN)



Immunohistochemistry

Image 3. Detection of OPN in Rat Kidney Tissue using Polyclonal Antibody to Osteopontin (OPN)

Please check the product details page for more images. Overall 7 images are available for ABIN7443842.

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