antibodies

Datasheet for ABIN7442486 anti-Osteopontin antibody (AA 18-314)

8 Images



Overview

Quantity:	100 µL
Target:	Osteopontin (SPP1)
Binding Specificity:	AA 18-314
Reactivity:	Rhesus Monkey
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:	Recombinant Osteopontin (OPN) corresdonding to Pro18~Asn314 (Accession # F6V2X3)
lsotype:	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, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

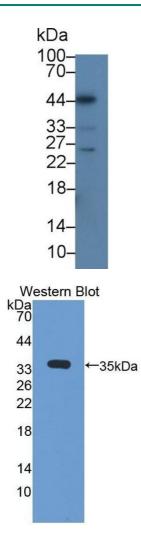
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Target Details	
Target:	Osteopontin (SPP1)
Alternative Name:	Osteopontin (SPP1 Products)
Background:	SPP1, BNSP, BSPI, ETA1, Secreted Phosphoprotein 1, Bone Sialoprotein I, Early T-Lymphocyte Activation 1, Nephropontin, Urinary stone protein, Uropontin
Pathways:	Regulation of Cell Size
Application Details	
Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5- 30 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:	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

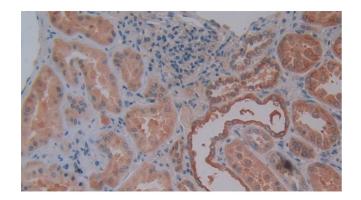


Western Blotting

Image 1. Detection of OPN in Porcine Kidney lysate using Polyclonal Antibody to Osteopontin (OPN)

Western Blotting

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



Immunohistochemistry

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

Please check the product details page for more images. Overall 8 images are available for ABIN7442486.

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