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

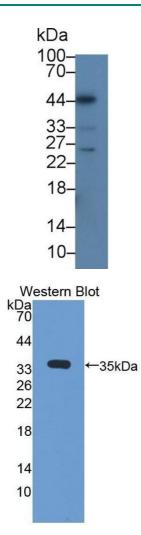
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Target Details	
Target:	Osteopontin (SPP1)
Alternative Name:	Osteopontin (SPP1 Products)
Background:	SPP1, BNSP, BSPI, ETA1, Secreted Phosphoprotein 1, Bone Sialoprotein I, Early T-Lymphocyte Activation 1, Nephropontin, Urinary stone protein, Uropontin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

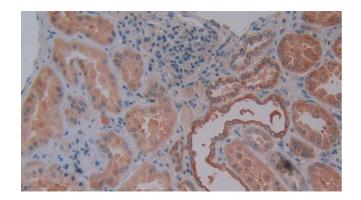


#### Western Blotting

**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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