

**SPP1 / Osteopontin Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS12257**

**Specification**

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**SPP1 / Osteopontin Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P10451</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	35kDa KDa

**SPP1 / Osteopontin Antibody (C-Terminus) - Additional Information**

**Gene ID** 6696

**Other Names**

Osteopontin, Bone sialoprotein 1, Nephropontin, Secreted phosphoprotein 1, SPP-1, Urinary stone protein, Uropontin, SPP1, BNSP, OPN

**Target/Specificity**

Human SPP1 / Osteopontin.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

SPP1 / Osteopontin Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**SPP1 / Osteopontin Antibody (C-Terminus) - Protein Information**

**Name** SPP1

**Synonyms** BNSP, OPN

**Function**

Major non-collagenous bone protein that binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.

**Cellular Location**

Secreted

**Tissue Location**

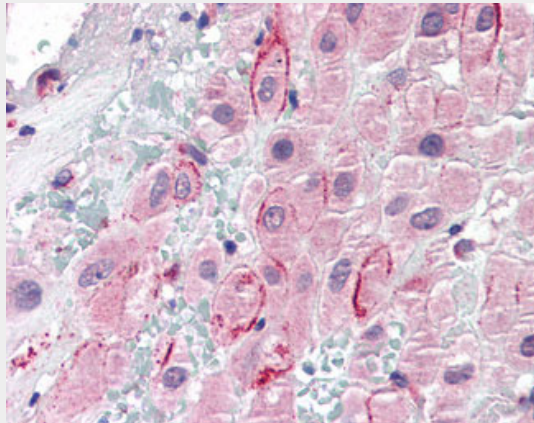
Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Bone. Found in plasma.

## **SPP1 / Osteopontin Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **SPP1 / Osteopontin Antibody (C-Terminus) - Images**



Anti-Osteopontin antibody IHC of human placenta.

## **SPP1 / Osteopontin Antibody (C-Terminus) - Background**

Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.

## **SPP1 / Osteopontin Antibody (C-Terminus) - References**

- Kiefer M.C., et al. *Nucleic Acids Res.* 17:3306-3306(1989).  
Young M.F., et al. *Genomics* 7:491-502(1990).  
Shiraga H., et al. *Proc. Natl. Acad. Sci. U.S.A.* 89:426-430(1992).  
Crosby A.H., et al. *Genomics* 27:155-160(1995).  
Hijiya N., et al. *Biochem. J.* 303:255-262(1994).