

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

---

**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**

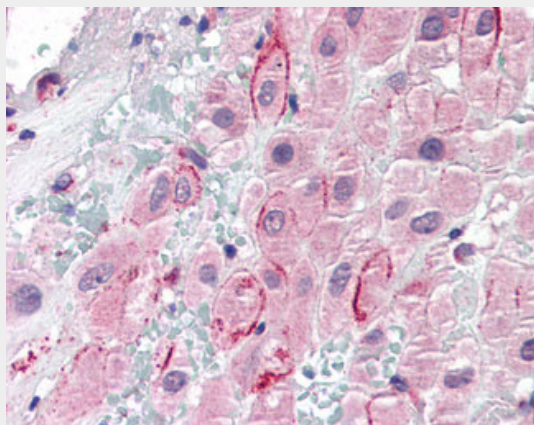
Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Bone. Found in plasma.

## **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).