

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

Specification

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

| | |
|-------------------|------------------------|
| Application | IHC |
| Primary Accession | P10451 |
| 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

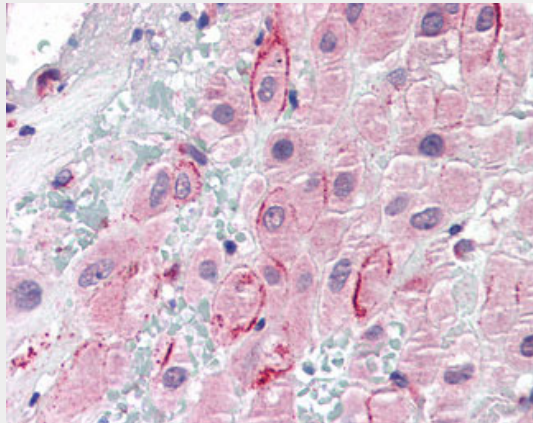
Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Bone. Found in plasma.

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).