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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.

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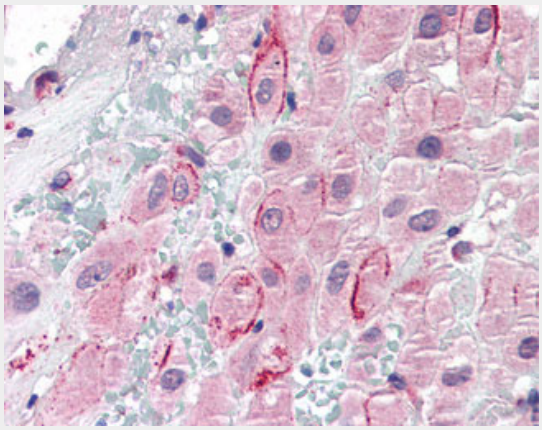
SPP1 / Osteopontin Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).
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Hijiya N.,et al.Biochem. J. 303:255-262(1994).