

**Osteopontin Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51532**

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**Specification**

**Osteopontin Antibody - Product Information**

Application	<b>WB, IHC-P, E</b>
Primary Accession	<a href="#">P10451</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>66 KDa</b>

**Osteopontin Antibody - Additional Information**

**Gene ID** 6696

**Other Names**

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

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Osteopontin Antibody - 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.

**Osteopontin Antibody - 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](#)

#### **Osteopontin Antibody - Images**

#### **Osteopontin Antibody - Background**

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

#### **Osteopontin Antibody - 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).