

## SPP1 Polyclonal Antibody

**Catalog No.** E-AB-70356

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

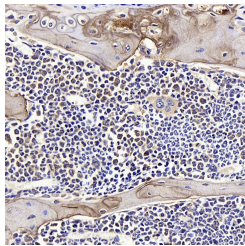
### Description

<b>Reactivity</b>	Mouse,Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse Osteopontin
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

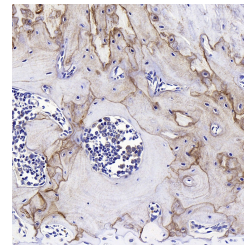
### Applications Recommended Dilution

**IHC** 1:200-1:800

### Data



Immunohistochemistry analysis of paraffin-embedded mouse bone using SPP1 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded rat bone using SPP1 Polyclonal Antibody at dilution of 1:400.

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only