

Rabbit anti-Mouse, Rat SPP1 Polyclonal Antibody | anti-SPP1 antibody

SPP1 Polyclonal Antibody

CATALOG # AAA174557	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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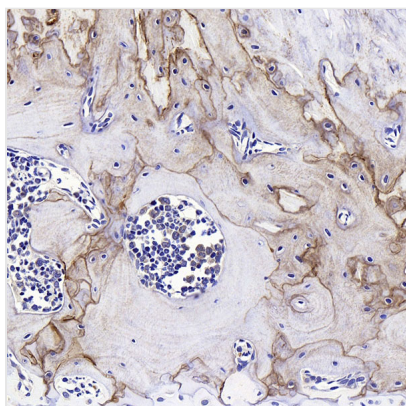
PRODUCT SYNONYMS

SPP1; Polyclonal Antibody; SPP1 Polyclonal Antibody; BNSP; Bone sialoprotein 1; BSP I; BSPI; Early T lymphocyte activation 1; ETA 1; ETA1; MGC110940; Nephropontin; OPN; Osteopontin; osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein; OSTP; PSEC0156; secreted phosphoprotein 1 (osteopontin; bone sialoprotein I; early T-lymphocyte activation 1); Secreted phosphoprotein 1; SPP 1; SPP-1; SPP1/CALPHA1 fusion; Urinary stone protein; Uropontin; anti-SPP1 antibody

PRODUCT SPECIFICATIONS

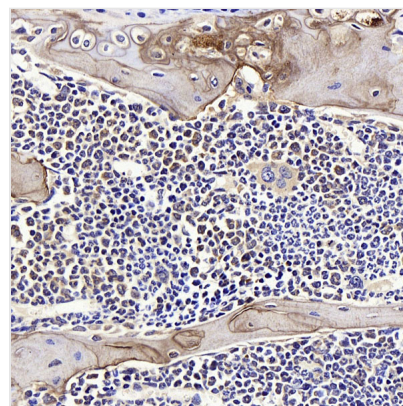
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	2.2 mg/mL (varies by lot)
Sequence Length	294
Applicable Applications for anti-SPP1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Osteopontin
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-SPP1 antibody	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.
Product Categories/Family for anti-SPP1 antibody	Cancer; Cardiovascular; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	323668271
NCBI GeneID	20750
NCBI Accession #	NP_001191162.1
NCBI GenBank Nucleotide #	NM_001204233.1
UniProt Accession #	P10923; P19008; Q91VH4
Molecular Weight	32,459 Da
NCBI Official Full Name	osteopontin isoform 4
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	Spp1
NCBI Official Synonym Symbols	OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1
NCBI Protein Information	osteopontin
UniProt Protein Name	Osteopontin
UniProt Gene Name	Spp1
UniProt Synonym Gene Names	Eta-1; Op; Spp-1; SPP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spp1-antibody-immunohistochemistry-elisa/174557>