

Rabbit SPP1 Polyclonal Antibody | anti-SPP1 antibody

SPP1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198114	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

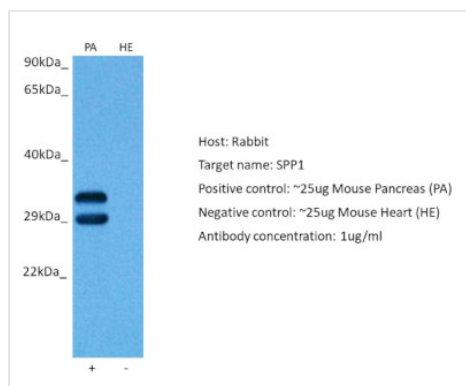
PRODUCT SYNONYMS

SPP1; Polyclonal Antibody; SPP1 antibody - N-terminal region; anti-SPP1 antibody

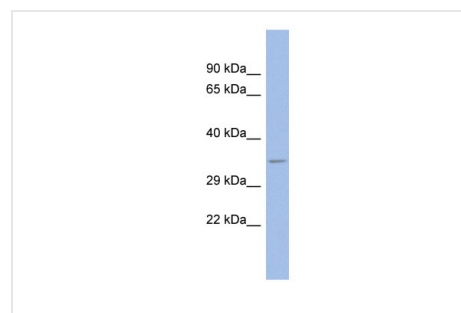
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: MR IAVICFLLG ITCAIPVKQA DSGSSEKQL YNKYPDAVAT WLNPDPSQ
Sequence Length	300
Applicable Applications for anti-SPP1 antibody	WB (Western Blot)
Homology	Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 91%; Rabbit: 93%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SPP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target: SPP1
Positive control (+): Mouse Pancreas (M-PA)
Negative control (-): Mouse Heart (M-HE)
Antibody concentration: 1 ug/ml


WB (Western Blot)

WB Suggested Anti-SPP1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: THP-1 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SPP1 antibody	This is a rabbit polyclonal antibody against SPP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The SPP1 gene encodes an acidic matrix protein, mainly expressed in mineralized tissues, kidney and atherosclerotic vessels. This protein also contributes to several steps in the process of prostate carcinogenesis and metastasis.
Product Categories/Family for anti-SPP1 antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Chromatin & Nuclear Signaling ; Disease Related ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759166
NCBI GeneID	6696
NCBI Accession #	NP_000573
NCBI GenBank Nucleotide #	NM_000582
UniProt Accession #	B2RDA1 ; P10451
Molecular Weight	34kDa
NCBI Official Full Name	osteopontin isoform OPN-b
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	SPP1
NCBI Official Synonym Symbols	OPN; BNSP; BSPI; ETA-1
NCBI Protein Information	osteopontin

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.