

Rabbit SPARC Polyclonal Antibody | anti-SPARC antibody

SPARC Antibody

CATALOG # AAA307090	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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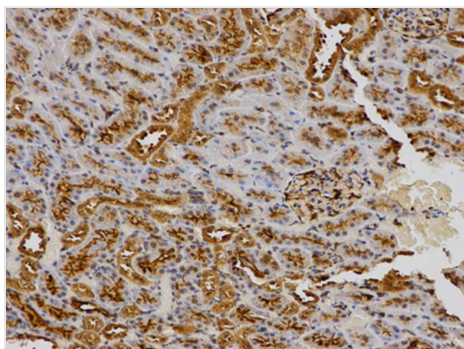
PRODUCT SYNONYMS

SPARC; Polyclonal Antibody; SPARC Antibody; ON; anti-SPARC antibody

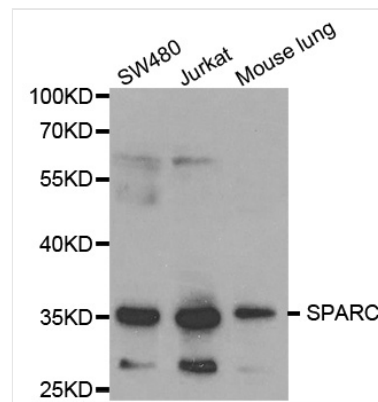
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SPARC protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-SPARC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SPARC.
Target Name	SPARC
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat kidney using SPARC antibody at dilution of 1:100 (200x lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SPARC antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SPARC antibody	SPARC (secreted protein acidic and rich in cysteine), also known as osteonectin and BM40, is a secreted matricellular glycoprotein that belongs to a group of functionally related glycoproteins that includes tenascins C and X, thrombospondins 1 and 2, and osteopontin (1). Members in this class of glycoproteins are involved in tissue renewal, tissue remodeling, and embryonic development and work by exerting counter-adhesive and antiproliferative effects that lead to changes in cell shape, disruption of cell adhesion, and inhibition of the cell cycle (2). SPARC is expressed at high levels in bone tissue but is widely distributed in many other tissues and cell types (3), and is known to be associated with tissues undergoing morphogenesis, angiogenesis, mineralization, and other pathological responses to injury and tumorigenesis (4,5). SPARC has also been linked with obesity and diabetes (6).
Product Categories/Family for anti-SPARC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507171
NCBI GeneID	6678
NCBI Accession #	NP_003109.1
NCBI GenBank Nucleotide #	NM_003118.3
UniProt Accession #	P09486; Q6IBK4; D3DQH9
Molecular Weight	34,632 Da
NCBI Official Full Name	SPARC isoform 1
NCBI Official Synonym Full Names	secreted protein, acidic, cysteine-rich (osteonectin)
NCBI Official Symbol	SPARC
NCBI Official Synonym Symbols	ON; BM-40
NCBI Protein Information	SPARC
UniProt Protein Name	SPARC
UniProt Gene Name	SPARC
UniProt Synonym Gene Names	ON; BM-40; ON
UniProt Entry Name	SPRC_HUMAN

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://stage.aaabiotech.com/polyclonal/sparc-antibody-immunohistochemistry-western-blot-elisa/307090>