

Rabbit anti-Human SPARC Polyclonal Antibody | anti-SPARC antibody

Anti-SPARC antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44945	Rabbit	Human	Immunohistochemistry, Western Blot

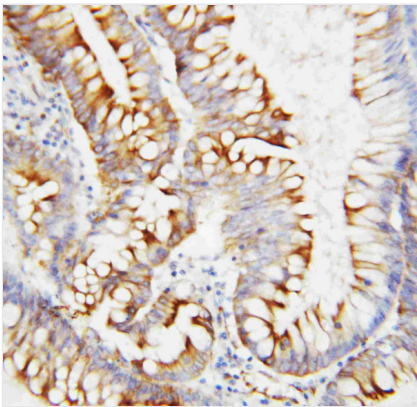
PRODUCT SYNONYMS

SPARC; Polyclonal Antibody; Anti-SPARC antibody; secreted protein; acidic; cysteine-rich(osteonectin); AA517111 antibody; Basement membrane protein 40 antibody; Basement-membrane protein 40 antibody; BM 40 antibody; BM-40 antibody; BM40 antibody; Cysteine rich protein antibody; hm:zeh0062 antibody; MGC128090 antibody; ON antibody; Osteonectin antibody; Secreted acidic cystein rich glycoprotein antibody; Secreted protein acidic and rich in cysteine antibody; Secreted protein acidic cysteine rich(osteonectin) antibody; Secreted protein acidic cysteine rich antibody; SPARC antibody; SPRC antibody; SPRC_HUMAN antibody; anti-SPARC antibody

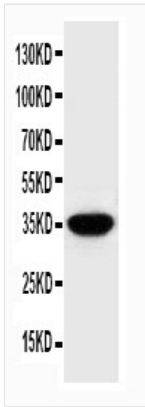
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	303
Applicable Applications for anti-SPARC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SPARC (284-303aa DEWAGCFGIKQKDIDKDLVI).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

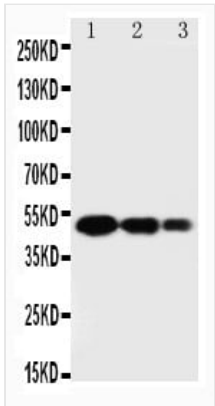
IMAGES



IHC (Immunohistochemisry)
Anti-SPARC antibody, AAA44945, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-SPARC antibody, AAA44945, Western blottingWB: HELA Cell Lysate



WB (Western Blot)
Anti-SPARC antibody, AAA44945, Western blottingLane 1: Recombinant Human SPARC Protein 10ngLane 2: Recombinant Human SPARC Protein 5ngLane 3: Recombinant Human SPARC Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-SPARC antibody

Description: Rabbit IgG polyclonal antibody for SPARC(SPARC) detection. Tested with WB, IHC-P in Human.

Background: SPARC, secreted protein acidic and rich in cysteine, also known as Osteonectin is a protein that in humans is encoded by the SPARC gene. The human SPARC gene is 26.5 kb long, and contains 10 exons and 9 introns and is located on chromosome 5q31-q33. SPARC is a glycoprotein of 40 kD. SPARC is an acidic, cysteine-rich glycoprotein consisting of a single polypeptide chain that can be broken into 4 domains: 1) an Ca++ binding domains near the glutamic acidic-rich region at the amino terminus(domain I), 2) a cysteine- rich(domain II), 3) a hydrophilic region(domain III) and 4) an EF hand motif at the carboxy terminus region(domain IV). Osteonectin is a glycoprotein in the bone that binds sodium. It is secreted by osteoblasts during bone formation, initiating mineralization and promoting mineral crystal formation. Osteonectin also shows affinity for collagen in addition to bone mineral calcium. A correlation between osteonectin over expression and ampullary cancers and chronic pancreatitis has been found.

NCBI AND UNIPROT INFORMATION

NCBI GI #	129283
NCBI GeneID	6678
UniProt Accession #	P09486; Q6IBK4; D3DQH9
Molecular Weight	34,632 Da
NCBI Official Full Name	SPARC

NCBI Official Synonym Full Names	secreted protein, acidic, cysteine-rich (osteonectin)
NCBI Official Symbol	SPARC
NCBI Official Synonym Symbols	ON
NCBI Protein Information	SPARC; BM-40; osteonectin; cysteine-rich protein; basement-membrane protein 40; secreted protein acidic and rich in cysteine
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/44945>