

**SPARC Polyclonal Antibody**  
Catalog # AP73704**Specification**

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**SPARC Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P09486</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**SPARC Polyclonal Antibody - Additional Information****Gene ID** 6678**Other Names**

SPARC; ON; SPARC; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted protein acidic and rich in cysteine

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**SPARC Polyclonal Antibody - Protein Information****Name** SPARC**Synonyms** ON**Function**

Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca(2+) with a low affinity and an EF-hand loop that binds a Ca(2+) ion with a high affinity.

**Cellular Location**

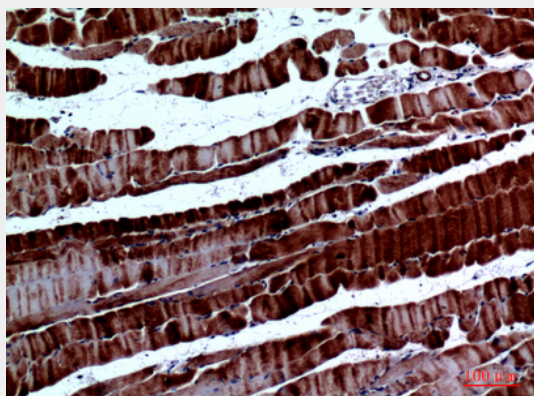
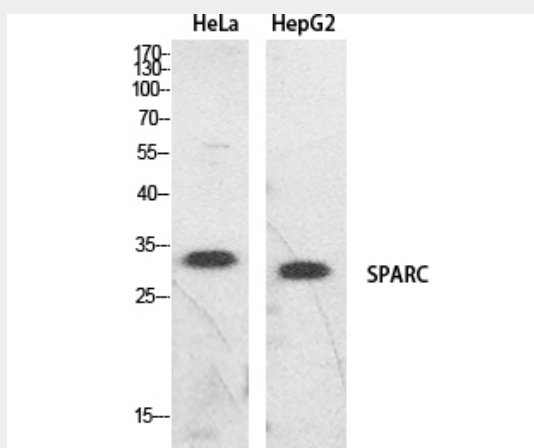
Secreted, extracellular space, extracellular matrix, basement membrane. Note=In or around the basement membrane

**SPARC Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### SPARC Polyclonal Antibody - Images



#### SPARC Polyclonal Antibody - Background

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