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SPARC Polyclonal Antibody
Catalog # AP73704

Specification

SPARC Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P09486
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.
IHC-P~~N/A

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

Storage Conditions
-20℃

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

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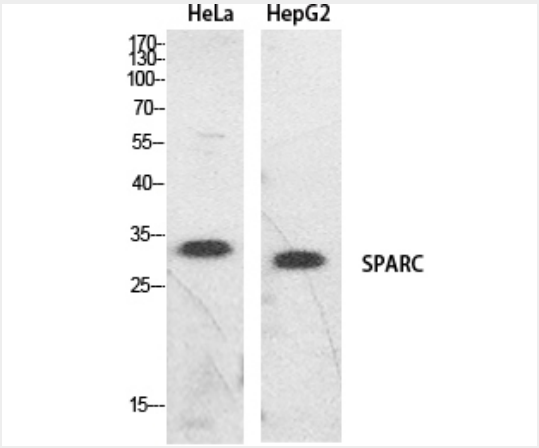
SPARC Polyclonal Antibody - Protocols

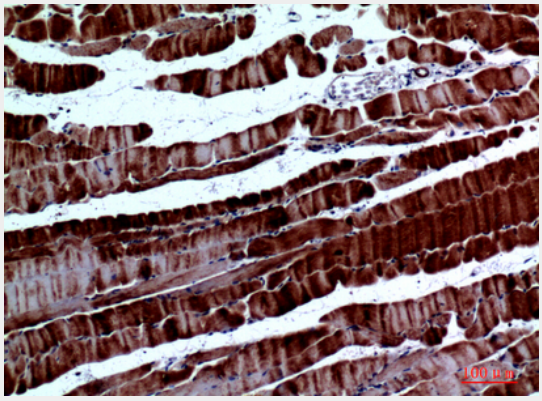
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SPARC Polyclonal Antibody - Images



Western Blot analysis of HeLa, HepG2 cells using SPARC Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100

SPARC Polyclonal Antibody - Background

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.