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SPARC Polyclonal Antibody

Catalog # AP73704

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P09486
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34632

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~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

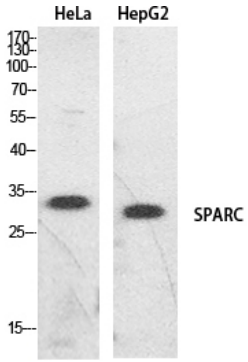
Name	SPARC
Synonyms	ON
Function	Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 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

Background

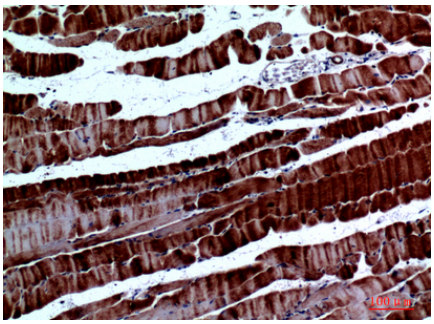
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Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.