

产品名称: SPARC Rabbit Polyclonal Antibody
产品货号: APRab18165



产品概述 (Summary)

产品名称 (Production Name)	SPARC Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SPARC
别名 (Alternative Names)	SPARC; ON; SPARC; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted protein acidic and rich in cysteine
基因 ID (Gene ID)	6678.0
蛋白 ID (SwissProt ID)	P09486.The antiserum was produced against synthesized peptide derived from the Internal region of human SPARC. AA range:141-190

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	34kDa

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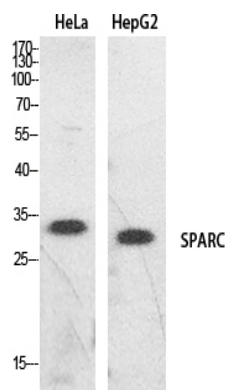
研究背景 (Background)

This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2015],developmental stage:Expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.,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.,online information:Osteonectin entry,similarity:Belongs to the SPARC family.,similarity:Contains 1 EF-hand domain.,similarity:Contains 1 follistatin-like domain.,similarity:Contains 1 Kazal-like domain.,subcellular location:In or around the basement membrane.,

研究领域 (Research Area)

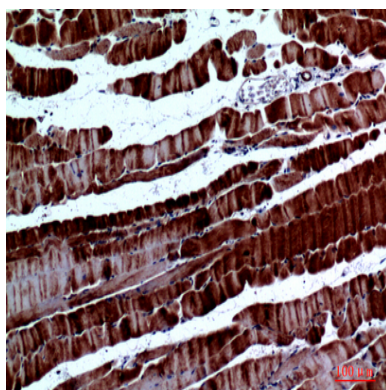
Cell Biology; Cell Cycle; Cell Cycle Inhibitors; Cardiovascular; Angiogenesis; Adhesion / ECM; Extracellular Matrix; Signal Transduction; Protein Phosphorylation; Tyrosine Kinases; Receptor Tyrosine Kinases; Cytoskeleton / ECM; Extracellular Matrix; Structures; Bone; Stem Cells; Lineage Markers; Endoderm; Mesenchymal Stem Cells; Osteogenesis; Cancer; Developmental Biology; Lineage specification

图片 (Image Data)



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

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

注意事项 (Note)

For research use only .