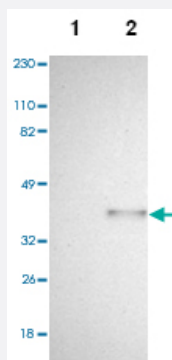


SPARC polyclonal antibody

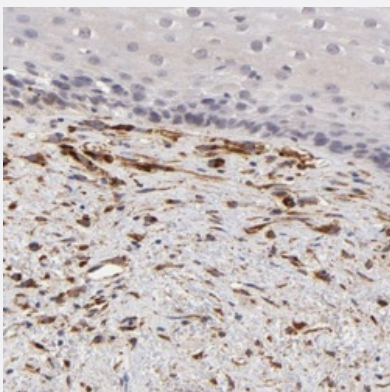
Catalog # PAB28625 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp with SPARC polyclonal antibody (Cat # PAB28625).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human esophagus with SPARC polyclonal antibody (Cat # PAB28625) shows distinct positivity in fibroblasts.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SPARC.
Immunogen	Recombinant protein corresponding to amino acids of human SPARC.
Sequence	VLVTLYERDEDNNLLTEKQKLRVKKIHENEKRLEAGDHPVELLARDFEKNYNMYIFPVHWQFGQL DQHPIDGYLSHTELAPLRAPLIPMEHCTTRFFETCDLDNDKYALDEWAGCFGKQKDIDKDL
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp with SPARC polyclonal antibody (Cat # PAB28625).

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Immunohistochemical staining of human esophagus with SPARC polyclonal antibody (Cat # PAB28625) shows distinct positivity in fibroblasts.

Gene Info — SPARC

Entrez GeneID	6678
Protein Accession#	P09486
Gene Name	SPARC
Gene Alias	ON
Gene Description	secreted protein, acidic, cysteine-rich (osteonectin)
Omim ID	182120
Gene Ontology	Hyperlink

Gene Summary

Secreted protein acidic and rich in cysteine/osteonectin/BM40, or SPARC, is a matrix-associated protein that elicits changes in cell shape, inhibits cell-cycle progression, and influences the synthesis of extracellular matrix (ECM) (Bradshaw et al., 2003 [PubMed 12721366]).[supplied by OMIM]

Other Designations

cysteine-rich protein|osteonectin|secreted protein, acidic, cysteine-rich

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Overgrowth](#)
- [Liver Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Fibrosis](#)
- [Raynaud Disease](#)

- [Scleroderma](#)