

## SPARC Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08493
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human SPARC. AA range:141-190
<b>Mol wt</b>	33330
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	SPARC Antibody
<b>Synonyms</b>	SPARC; ON; SPARC; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted protein acidic and rich in cysteine

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

SPARC encodes a cysteine-rich acidic matrix-associated protein. The secreted protein acidic and cysteine rich 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.

### Recommended Dilution

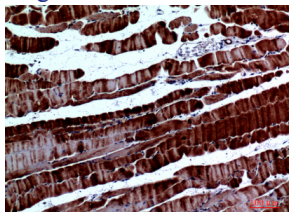
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

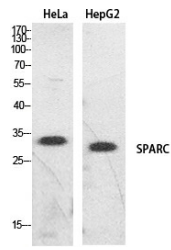
ELISA: 1: 20000

Not yet tested in other applications.

### Images



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



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

### Storage

-20°C for one year

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