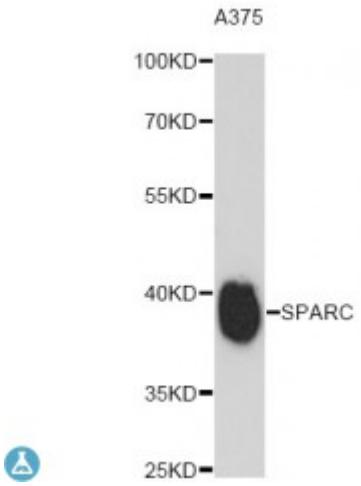
Anti-SPARC Antibody



Description	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.

Model	STJ116705
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 18-303 of human SPARC (NP_003109.1).
Gene ID	6678
Gene Symbol	SPARC
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	SPARC Basement-membrane protein 40 BM-40 Osteonectin ON Secreted protein acidic and rich in cysteine
Molecular Weight	34.632 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11219OMIM:182120Reactome:R-HSA-114608
Alternative Names	SPARC Basement-membrane protein 40 BM-40 Osteonectin ON Secreted protein acidic and rich in cysteine
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
Cellular Localization	Secreted, extracellular space, extracellular matrix, basement membrane,