

Polyclonal Antibody to Osteonectin (ON)

Osteonectin

Catalog # AP74717

Product Information

Application	WB
Primary Accession	P36233
Reactivity	Rabbit
Host	Guinea Pig
Clonality	Polyclonal
Calculated MW	31141

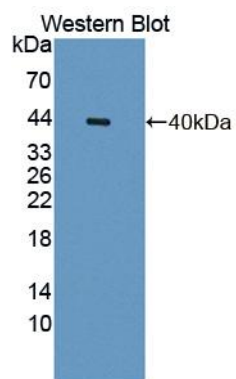
Additional Information

Other Names	SPARC; BM-40; Secreted Protein, Acidic, Cysteine-Rich; Basement-membrane protein 40; Secreted protein acidic and rich in cysteine
Target/Specificity	Oryctolagus cuniculus (Rabbit)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SPARC
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 (By similarity).
Cellular Location	Secreted, extracellular space, extracellular matrix, basement membrane. Note=In or around the basement membrane.
Tissue Location	Detected in chondrocytes.

Images



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