

35-1801: Polyclonal Antibody to SPARC

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	SPARC
Gene ID :	6678
Uniprot ID :	P09486
Format :	Purified
Alternative Name :	ON, BM-40
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.52~56 (V-G-E-F-D) derived from Human SPARC.

Description

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 Ca²⁺ with a low affinity and an EF-hand loop that binds a Ca²⁺ ion with a high affinity.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 42kd, Western blotting: 1:500~1:1000

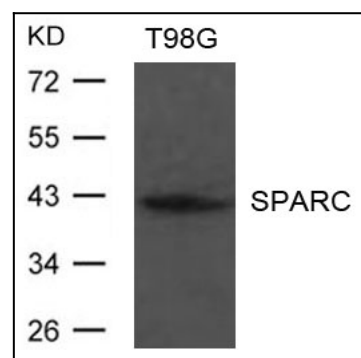


Figure 1: Western blot analysis of extract from T98G cells using SPARC Antibody 35-1801