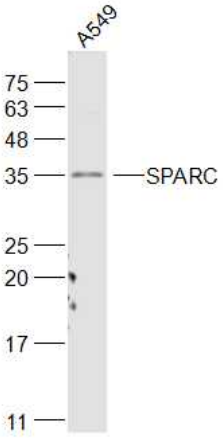
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

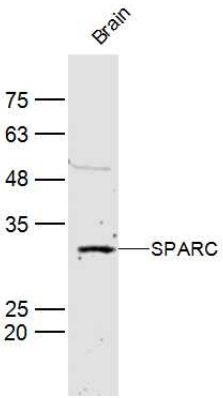
SPARC Rabbit pAb

Catalog Number:	bs-1133R
Target Protein:	SPARC
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (2ug/Test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Dog, Horse)
Predicted MW:	33 kDa
Entrez Gene:	6678
Swiss Prot:	P09486
Source:	KLH conjugated synthetic peptide derived from human SPARC: 101-200/303.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	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. [provided by RefSeq, Dec 2011].

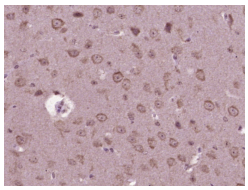
VALIDATION IMAGES



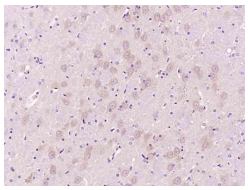
Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-SPARC (bs-1133R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 35 kD



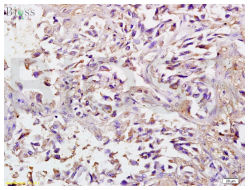
Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-SPARC (bs-1133R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 33 kD



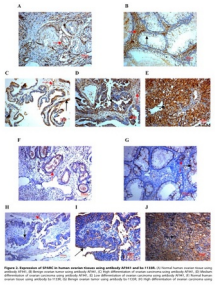
Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SPARC) Polyclonal Antibody, Unconjugated (bs-1133R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SPARC) Polyclonal Antibody, Unconjugated (bs-1133R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-SPARC Polyclonal Antibody, Unconjugated(bs-1133R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Formalin-fixed and paraffin embedded human ovarian tissue labeled with Anti-SPARC Polyclonal Antibody, Unconjugated (bs-1133R) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.097] Liting Cheng. et al. Bioresponsive micro-to-nano albumin-based systems for targeted drug delivery against complex fungal infections. Acta Pharm Sin B. 2021 May;: IF ; Mouse . 10.1016/j.apsb.2021.04.020

[IF=4.547] Zheng, Qingbo. et al. Construction of transcriptome atlas of white yak hair follicle during anagen and catagen using single-cell RNA sequencing. BMC GENOMICS. 2022 Dec;23(1):1-14 IHC ; Yak . 36482306

[IF=3.73] Chen, Jie, et al. "SPARC is a key regulator of proliferation, apoptosis and invasion in human ovarian cancer." PLoS One 7.8 (2012): e42413. IHC ; ="Human" . 22879971

[IF=1.5] Kurtul, Neslihan, et al. "Prognostic Value of SPARC Expression in Unresectable NSCLC Treated with Concurrent Chemoradiotherapy." Asian Pacific Journal of Cancer Prevention 15.20 (2014): 8911-8916. IHC ; ="Human" . 25374228

[IF=1.89] Zong, Shaohui, et al. "Effects of Polygonatum sibiricum polysaccharide on the osteogenic differentiation of bone mesenchymal stem cells in mice." International Journal of Clinical and Experimental Pathology8.6 (2015): 6169-6180. WB ; ="Mouse" . 26261494