

bs-1331R**[Primary Antibody]****SFRP4 Rabbit pAb****Bioss**
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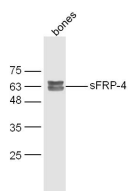
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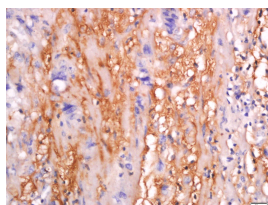
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6424 Target: SFRP4 Immunogen: KLH conjugated synthetic peptide derived from human SFRP-4: 151-260/351. Purification: affinity purified by Protein A Concentration: 1mg/ml 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: Soluble frizzled-related proteins (sFRPs) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP4 may act as a regulator of adult uterine morphology and function. Increases apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake. [SUBCELLULAR LOCATION] Secreted. Expressed in mesenchymal cells. Highly expressed in the stroma of proliferative endometrium. Expressed in cardiomyocytes. Belongs to the secreted frizzled-related protein (sFRP) family.	Isotype: IgG SWISS: Q6FHJ7	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog) Predicted MW.: 38 kDa Subcellular Location: Secreted ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Bone (Mouse) Lysate at 40 ug Primary:
Anti-SFRP4 (bs-1331R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 38 kD
Observed band size: 60 kD



Tissue/cell: human colon cancer; 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-SFRP-4 Polyclonal Antibody,
Unconjugated(bs-1331R) 1:200, overnight at 4°C,
followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining