bs-1303R **[Primary Antibody]**

SFRP1 Rabbit pAb

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

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6422 **SWISS:** Q8N474

Target: SFRP1

Immunogen: KLH conjugated synthetic peptide derived from human SFRP1: 201-314/314.

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: This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Members of this family act as soluble modulators of Wnt signaling; epigenetic silencing of SFRP genes leads to deregulated activation of the Wnt-pathway which is associated with cancer. This gene may also be involved in determining the polarity of photoreceptor cells in the retina. [provided by RefSeq, Sep 2009]

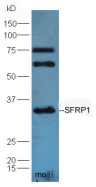
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat

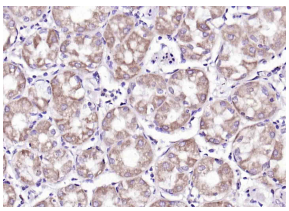
Predicted MW.: 33 kDa

Subcellular Location: Secreted

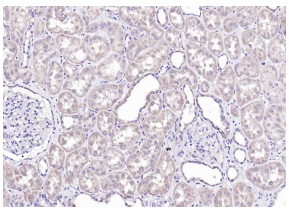
VALIDATION IMAGES



Sample:Liver(Mouse) lysate at 30ug; Primary: Anti-SFRP1 (bs-1303R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size : 33 kD Observed band size :33 kD



Paraformaldehyde-fixed, paraffin embedded (Human stomach); 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 (SFRP1) Polyclonal Antibody, Unconjugated (bs-1303R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (SFRP1) Polyclonal Antibody, Unconjugated (bs-1303R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=5.4]** Mengwei Zhang. et al.A Novel Scaffold of Icariin/Porous Magnesium Alloy-Repaired Knee Cartilage Defect in Rat by Wnt/β-Catenin Signaling Pathway.ACS Biomaterials Science & Engineering.2024 Sep 9;10(9):5796-5806. IHC ;Rat. 39155687
- **[IF=2.942]** Shi M et al. MicroRNA-27a targets Sfrp1 to induce renal fibrosis in diabetic nephropathy by activating Wnt/β-Catenin signalling. Biosci Rep. 2020 Jun 26;40(6):BSR20192794. WB,ICC ;Rat. 32484208
- **[IF=1.52]** Wang, Kun, et al. "MiR-27a regulates Wnt/beta-catenin signaling through targeting SFRP1 in glioma." NeuroReport 26.12 (2015): 695-702. WB ;="Human". 26164457

- **[IF=2.3]** Chen Yu. et al. Inhibition of SFRP1 by microRNA-206-3p may be the underlying cause of osteosarcopenia. BIOMED REP. 2025 Jun;22(6):1-11 WB ;Rat. 40322551
- **[IF=1.257]** Hai Zhao. et al. Oxidative stress caused by a dysregulated Wnt/β-catenin signalling pathway is involved in abnormal placenta formation in pregnant mice with chronic fatigue syndrome. Zygote. 2020 Oct;:1-8 WB,IHC ;Mouse. 33054899