bs-1303R

[Primary Antibody]

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

SFRP1 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 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)

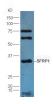
IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse, Rat

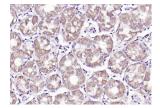
Predicted MW.: 33 kDa

Subcellular Secreted

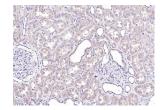
VALIDATION IMAGES



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) instructions and 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