bs-2318R

[Primary Antibody]

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FGF21 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 26291 SWISS: Q9NSA1

Target: FGF21

Immunogen: KLH conjugated synthetic peptide derived from human FGF21:

29-120/208.

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: FGF21 is a growth factor that is a member of the FGF family.

Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin

independent glucose uptake by adipocytes.

Applications: IHC-P (1:100-500)

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

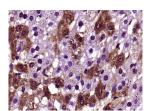
Reactivity: Rat (predicted: Human,

Mouse, Pig, Cow, Dog)

Predicted MW.: 20 kDa

Subcellular Location: Secreted

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (FGF21) Polyclonal Antibody, Unconjugated (bs-2318R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

- SELECTED CITATIONS -

- [IF=19] Rui Zhao. et al. Advancing Osteoporotic Bone Regeneration Through Tailored Tea Polyphenols Functionalized Micro-/Nano- Hydroxyapatite Bioceramics. ADV FUNCT MATER. 2024 May;:2401566 IHC; Rat. 10.1002/adfm.202401566
- [IF=3.9] Tamara Egan Beňová. et al. Brown adipose tissue: a potential therapeutic target for preventing cardiovascular disease in metabolic disorders. DIABETOL METAB SYNDR. 2025 Aug;17:311 WB;Rat. 40753433
- [IF=2.86] Dong, Liwei, et al. "Echinacoside Induces Apoptosis in Human SW480 Colorectal Cancer Cells by Induction of Oxidative DNA Damages." International Journal of Molecular Sciences 16.7 (2015): 14655-14668. WB; Human. 26132569
- [IF=3.418] Kim et al. Metformin Prevents Fatty Liver and Improves Balance of White/Brown Adipose in an Obesity

Mouse Model by Inducing FGF21. (2016) Mediators.Inflamm. 2016:5813030 ICC; Human, Mouse. 27057099 • [IF=2.629] Cao Zhanhong. et al. Protective Effects of Huangqi Shengmai Yin on Type 1 Diabetes-Induced Cardiomyopathy by Improving Myocardial Lipid Metabolism. Evid-Based Compl Alt. 2021;2021:5590623 WB; Mouse. 34249132