

bs-5768R**[Primary Antibody]****BioSS**
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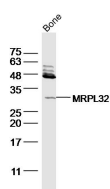
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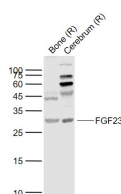
400-901-9800

FGF23 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 8074 Target: FGF23 Immunogen: KLH conjugated synthetic peptide derived from human Fibroblast growth factor 23: 21-120/251. 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 fibroblast growth factor family of proteins, which possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. The product of this gene regulates phosphate homeostasis and transport in the kidney. The full-length, functional protein may be deactivated via cleavage into N-terminal and C-terminal chains. Mutation of this cleavage site causes autosomal dominant hypophosphatemic rickets (ADHR). Mutations in this gene are also associated with hyperphosphatemic familial tumoral calcinosis (HFTC). [provided by RefSeq, Feb 2013]	Isotype: IgG SWISS: Q9GZV9	Applications: WB (1:500-2000) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse) Predicted MW.: 27 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: bone (rat) Lysate at 40 ug Primary: Anti-MRPL32 (bs-5768R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27kD Observed band size: 27kD



Sample: Lane 1: Bone (Rat) Lysate at 40 ug Lane 2: Cerebrium (Rat) Lysate at 40 ug Primary: Anti-FGF23 (bs-5768R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30/32 kD Observed band size: 30 kD

— SELECTED CITATIONS —

- **[IF=9.5]** Lee Su Jeong. et al. The transcription factor BBX regulates phosphate homeostasis through the modulation of FGF23. EXP MOL MED. 2024 Nov;;1-13 IHC ;Mouse. 39482539
- **[IF=6.133]** Zhang Hongqi. et al. Promotion effect of FGF23 on osteopenia in congenital scoliosis through FGF3/TNAP/OPN pathway. CHINESE MED J-PEKING. 2023 May;;10.1097/CM9.0000000000002690 WB ;Human. 37192015
- **[IF=3.58]** Andersen, Ingrid A., et al. "Elevation of circulating but not myocardial FGF23 in human acute decompensated heart failure." Nephrology Dialysis Transplantation (2015): gfv398. IHC ;="Human". 26666498
- **[IF=4.146]** Cheng-Ken Tsai. et al. Low-Dose Propranolol Prevents Functional Decline in Catecholamine-Induced Acute Heart Failure in Rats. TOXICS. 2022 May;;10(5):238 IHC ;Rat. 35622651
- **[IF=4.285]** Stenhouse Claire. et al. Effects of progesterone and interferon tau on ovine endometrial phosphate,

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

calcium, and vitamin D signaling. Biol Reprod. 2022 Feb;; IHC ;Sheep (Ewe) . 10.1093/biolre/ioac027