
FGF23 Rabbit pAb

Catalog Number: bs-5768R

Target Protein: FGF23

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, Guinea Pig, Horse)

Predicted MW: 27 kDa

Entrez Gene: 8074

Swiss Prot: Q9GZV9

Source: KLH conjugated synthetic peptide derived from human Fibroblast growth factor 23:
21-120/251.

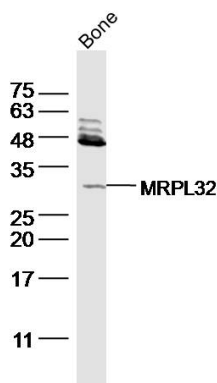
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

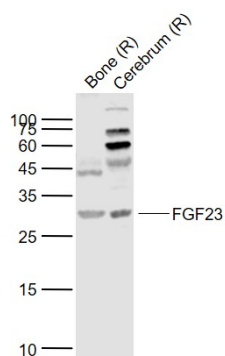
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

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

PRODUCT SPECIFIC PUBLICATIONS

[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 FGFR3/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, calcium, and vitamin D signaling. Biol Reprod. 2022 Feb;; IHC ; Sheep (Ewe) . 10.1093/biolre/ioac027