### bs-5768R

## [ Primary Antibody ]

# Bioss ANTIBODIES

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(predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog,

GuineaPig, Horse)

Applications: WB (1:500-2000)

Reactivity: Human, Rat

Predicted MW.: 27 kDa

Subcellular Secreted

# FGF23 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 8074 SWISS: Q9GZV9

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

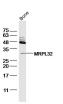
freeze/thaw cycles.

Background: This gene encodes a member of the fibroblast growth factor family

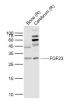
of proteins, which possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. The product of this gene regulates phosphate homeostasis and transport in the kidney. The full-length, functional protein may be deactivated via cleavage into N-terminal and 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]

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: Cerebrum (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 -

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- [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. E	Biol Reprod. 2022 Feb;:	HC ;Sheep	(Ewe)	. 10.1093/biolre/ioac027	