

# Product Datasheet

## FGF-23 Antibody NBP2-27553

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-27553**

## FGF-23 Antibody

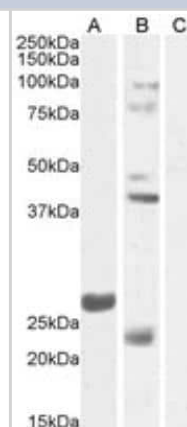
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	8074
Gene Symbol	FGF23
Species	Mouse
Immunogen	Peptide with sequence C-ENGYDVYLSQKHH corresponding to internal region according to NP_073148.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	Western blot: Approx 27 kDa band observed in Mouse Testis lysates (calculated MW of 27.7 kDa according to NP_073148.1). Some lysates showed prominent bands at approx. 24+38 kDa which were successfully blocked by incubation with the immunizing peptide and have been reported in the literature (Garringer et al., 2008, PMID:18682534).

**Images**

Western Blot: FGF-23 Antibody [NBP2-27553] - Staining of Mouse Testes lysate 1 (A) and Testes lysate 2 (B) + peptide (C) (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

**Publications**

Mirza MA, Alsio J, Hammarstedt A et al. Circulating fibroblast growth factor-23 is associated with fat mass and dyslipidemia in two independent cohorts of elderly individuals. *Arterioscler Thromb Vasc Biol* 2011-01-01 [PMID: 20966399]



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### **Products Related to NBP2-27553**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-35026-5ug	Recombinant Human FGF-23 Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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