

Datasheet for ABIN768639
anti-FGF23 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FGF23
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FGF23 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Fgf23 (mouse)
Immunogen:	Peptide with sequence C-ENGVDVYLSQKHH, from the internal region of the protein sequence according to NP_073148.1.
Sequence:	ENGVDVYLSQ KHH
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

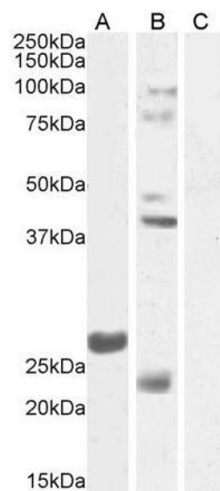
Target:	FGF23
Alternative Name:	Fgf23 (FGF23 Products)
Background:	Fgf23, fibroblast growth factor 23, ADHR, HPDR2, HYPF, PHPTC, FGF-23, phosphatonin, tumor-derived hypophosphatemia inducing factor, tumor-derived hypophosphatemia-inducing factor
Molecular Weight:	27.7kDa according to NP_073148.1
Gene ID:	64654, 170583
NCBI Accession:	NP_073148
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Negative Regulation of Hormone Secretion

Application Details

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 ha Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768639 (1µg/ml) staining of Mouse Testes lysate 1 (A) and Testes lysate 2 (B) + peptide (C) (35µg protein in RIPA buffer). Detected by chemiluminescence.