

Datasheet for ABIN334398

**anti-FGF23 antibody (Internal Region)****2** Images[Go to Product page](#)

## Overview

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

## Product Details

Purpose:	FGF23
Immunogen:	Peptide with sequence C-RHTRSAEDDSERD, from the internal region of the protein sequence according to NP_065689.1.
Sequence:	RHTRSAEDDS ERD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

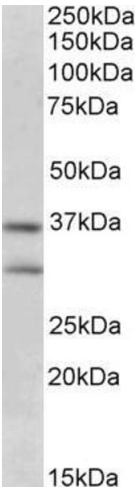
Target:	FGF23
Alternative Name:	FGF23 ( <a href="#">FGF23 Products</a> )
Background:	FGF23, fibroblast growth factor 23 , ADHR, HPDR2, HYPF, PHPTC , tumor-derived hypophosphatemia inducing factor
Gene ID:	8074
NCBI Accession:	<a href="#">NP_065689</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Negative Regulation of Hormone Secretion</a>

## Application Details

Application Notes:	Western Blot: Approx 28+37 kDa bands observed in Human Brain (Hippocampus) lysates (calculated MW of 27.9 kDa according to NP_065689.1). The observed molecular weights correspond to earlier findings in literature with different antibodies (Garringer et al, Peptide ELISA: antibody detection limit dilution 1:8000.
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.** ABIN334398 (0.3ug/ml) staining of Human Brain ((Hippocampus) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



**Image 2.** ABIN334398 (0.5µg/ml) staining of human brain (Hippocampus) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.