

Datasheet for ABIN1534408
anti-FGF23 antibody (AA 151-200)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	FGF23
Binding Specificity:	AA 151-200
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF23 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human FGF23.
Isotype:	IgG
Specificity:	FGF23 Antibody detects endogenous levels of total FGF23 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	FGF23
Alternative Name:	FGF23 (FGF23 Products)
Background:	Synonyms: Fibroblast growth factor 23, FGF-23, Tumor-derived hypophosphatemia-inducing

Target Details

	factor, HYPF, NCBI Gene Symbol: FGF23
Molecular Weight:	27 kDa
Gene ID:	8074
OMIM:	193100
UniProt:	Q9GZV9
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.287370 (NCBI Gene Symbol: FGF23)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Publications

Product cited in:	Sun, Zou, Yang, Morita, Gong, Shiba, Akagawa, Yuan: "Inorganic polyphosphates stimulate FGF23 expression through the FGFR pathway." in: Biochemical and biophysical research communications , Vol. 428, Issue 2, pp. 298-302, (2012) (PubMed).
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Immunofluorescence

Image 1. Immunofluorescence analysis of HuvEc cells, using FGF23 Antibody. The picture on the right is treated with the synthesized peptide.