

FGF-23 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03213
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FGF23. AA range:151-200
Mol wt	27954
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	FGF-23 Antibody
Synonyms	FGF23; HYPF; Fibroblast growth factor 23; FGF-23; Phosphatonin; Tumor-derived hypophosphatemia-inducing factor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

FGF23 (fibroblast growth factor 23) 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 FGF23 are also associated with hyperphosphatemic familial tumoral calcinosis (HFTC).

Recommended Dilution

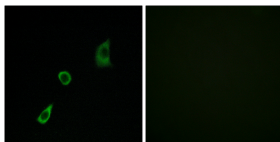
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

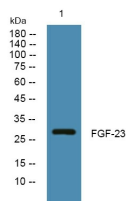
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells, using FGF23 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night

Storage

-20°C for one year

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