

FGF23 Rabbit pAb

Catalog No.: A14073

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

Background

This gene 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 this gene are also associated with hyperphosphatemic familial tumoral calcinosis (HFTC).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

8074

Swiss Prot

Q9GZV9

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 91-190 of human FGF23 (NP_065689.1).

Synonyms

ADHR; FGFN; HYPF; HFTC2; HPDR2; PHPTC; FGF23

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

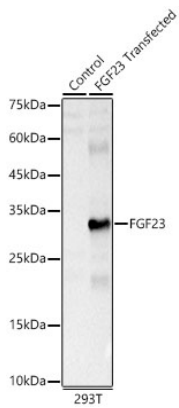
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with FGF23 using FGF23 Rabbit pAb(A14073) at 1:600 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 20 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time: 1s.