

FGF23 Rabbit pAb

Catalog No.: A6124

7 Publications

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, 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 1:100 - 1:500**IF/ICC** 1:50 - 1:200

Immunogen Information

Gene ID

8074

Swiss Prot

Q9GZV9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-251 of human FGF23 (NP_065689.1).

Synonyms

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

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

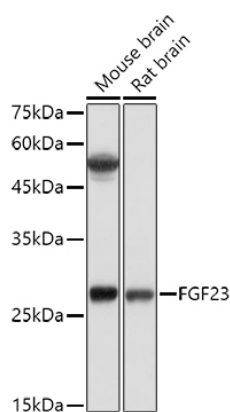
Affinity purification

Storage

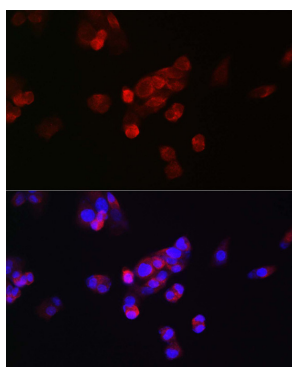
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

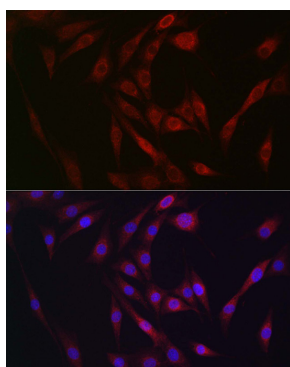
Validation Data



Western blot analysis of extracts of various cell lines, using FGF23 antibody (A6124) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of HepG2 cells using FGF23 antibody (A6124) at dilution of 1:25. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using FGF23 antibody (A6124) at dilution of 1:25. Blue: DAPI for nuclear staining.