

Anti-FGF22 Antibody
Catalog # ABO10775**Specification**

Anti-FGF22 Antibody - Product Information

Application	WB
Primary Accession	Q9HCT0
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Fibroblast growth factor 22(FGF22) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-FGF22 Antibody - Additional Information

Gene ID 27006

Other Names

Fibroblast growth factor 22, FGF-22, FGF22

Calculated MW

19663 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse

Subcellular Localization

Secreted .

Protein Name

Fibroblast growth factor 22(FGF-22)

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human FGF22(93-109aa FYVAMNRRGRLYGSRLY), different from the related mouse and rat sequences by one amino acid.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the heparin-binding growth factors family.

Anti-FGF22 Antibody - Protein Information

Name FGF22

Function

Plays a role in the fasting response, glucose homeostasis, lipolysis and lipogenesis. Can stimulate cell proliferation (in vitro). May be involved in hair development.

Cellular Location

Secreted.

Anti-FGF22 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FGF22 Antibody - Images

Anti-FGF22 antibody, ABO10775, Western blotting
Lane 1: Rat Ovary Tissue Lysate
Lane 2: Rat

Ovary Tissue Lysate Lane 3: Rat Testis Tissue Lysate Lane 4: Rat Testis Tissue Lysate

Anti-FGF22 Antibody - Background

FGF22, Fibroblast growth factor 22, is a protein which in humans is encoded by the FGF22 gene. The FGF22 sequence in a genomic clone is assigned to 19p13.3. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. In situ hybridization demonstrated expression in the inner root sheath of the hair follicle. FGF22 is involved in hair development.