

Anti-FGF22 Antibody Catalog # ABO10775

Specification

Anti-FGF22 Antibody - Product Information

Application WB
Primary Accession Q9HCT0
Host Rabbit

Reactivity Human, Mouse, Rat

Clonality Polyclonal 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 r°Constitution, 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.

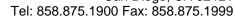
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-FGF22 Antibody - Images



Anti-FGF22 antibody, ABO10775, Western blottingLane 1: Rat Ovary Tissue LysateLane 2: Rat







Ovary Tissue LysateLane 3: Rat Testis Tissue LysateLane 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.