

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

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**Anti-FGF22 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9HCT0</a>
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<br>

**Subcellular Localization**

Secreted .

**Protein Name**

Fibroblast growth factor 22(FGF-22)

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**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.