

Anti-FGF22 Antibody

Catalog # ABO10775

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.

Additional Information

Gene ID	27006
Other Names	Fibroblast growth factor 22, FGF-22, FGF22
Calculated MW	19663
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Subcellular Localization	Secreted .
Source	Eukaryota
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.

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.

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.