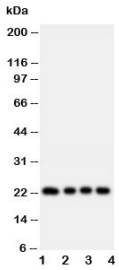
FGF22 Antibody (R30527)

Catalog No.	Formulation	Size
R30527	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9HCT0
Applications	Western blot: 0.5-1ug/ml
Limitations	This FGF22 antibody is available for research use only.



Western blot testing of FGF22 antibody and rat samples: 1. ovary; 2. ovary; 3. testis; 4. testis tissue lysate

Description

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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FGF22 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human FGF22 (FYVAMNRRGRLYGSRLY) was used as the immunogen for this FGF22 antibody.

Storage

After reconstitution, the FGF22 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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