



Rabbit Anti-FGF22 antibody

SL5773R

Product Name:	FGF22
Chinese Name:	成纤维细胞生长因子22抗体
Alias:	FGF 22; FGF-22; FGF22; FGF22_HUMAN; Fibroblast growth factor 22; si:dkey 21e2.2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FGF22.:23-100/170
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	FGF22 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. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development. Fibroblast Growth Factor-22 stimulates the proliferation and

activation of cells that express FGF receptor.

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.

Subunit:

Interacts with FGFR1 and FGFR2. Interacts with FGFBP1.

Subcellular Location:

Secreted (Potential).

Similarity:

Belongs to the heparin-binding growth factors family.

SWISS:

Q9HCT0

Gene ID:

27006

Database links:

[Entrez Gene: 27006](#)Human

[Entrez Gene: 67112](#)Mouse

[Entrez Gene: 170579](#)Rat

[Omim: 605831](#)Human

[SwissProt: Q9HCT0](#)Human

[SwissProt: Q9ESS2](#)Mouse

[Unigene: 248087](#)Human

[Unigene: 154211](#)Mouse

[Unigene: 198777](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.