Immunoway
Best Tools for immunology Research

FGF-22 Polyclonal Antibody

Catalog No :	YT1698
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	FGF-22
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric cancer
Gene Name :	FGF22
Protein Name :	Fibroblast growth factor 22
Human Gene Id :	27006
Human Swiss Prot No :	Q9HCT0
Mouse Gene Id :	67112
Mouse Swiss Prot No :	Q9ESS2
Immunogen :	The antiserum was produced against synthesized peptide derived from human FGF22. AA range:71-120
Specificity :	FGF-22 Polyclonal Antibody detects endogenous levels of FGF-22 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 20kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and Cytoskeleton;Pathways in cancer;Melanoma;

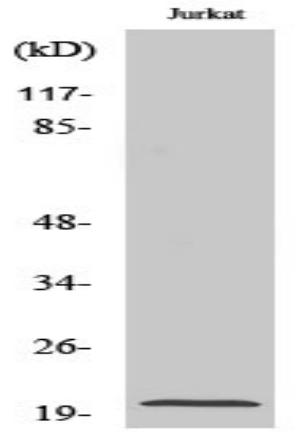
Background : The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Function : function:May be involved in hair development.,similarity:Belongs to the heparin-binding growth factors family.,subunit:Interacts with FGFBP1.,

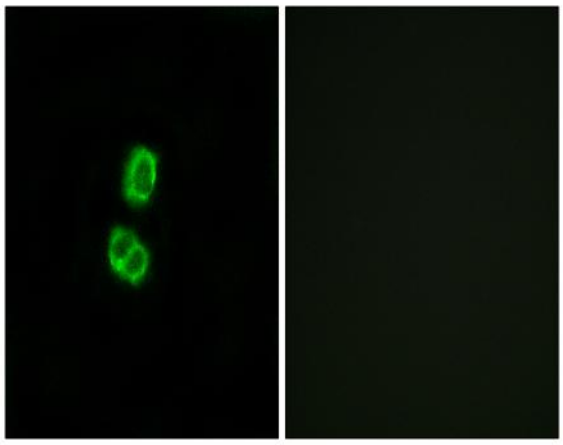
Subcellular Location : Secreted .

Expression : Placenta,

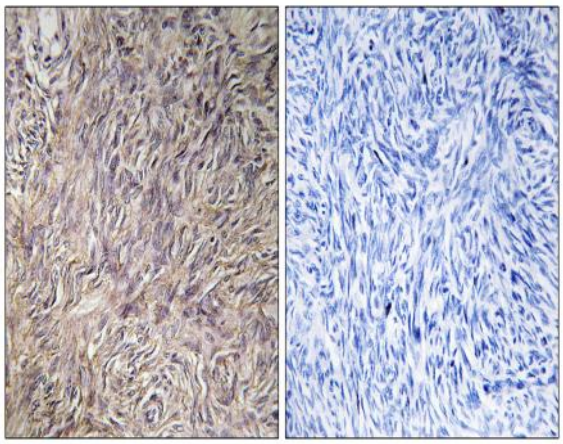
Products Images



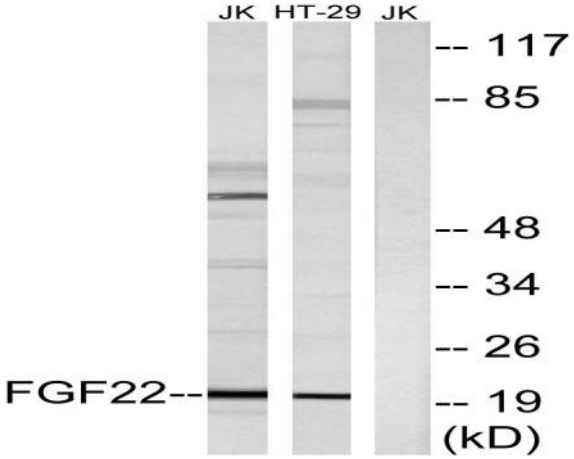
Western Blot analysis of various cells using FGF-22 Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of MCF7 cells, using FGF22 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human ovary tissue, using FGF22 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and HT-29 cells, using FGF22 Antibody. The lane on the right is blocked with the synthesized peptide.