

FGF-22 rabbit pAb**Cat#: orb765215 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	FGF-22 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Fibroblast growth factor 22
Gene Name	FGF22
Cellular localization	Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

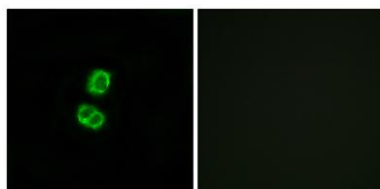
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	27006
Human Swiss-Prot Number	Q9HCT0
Alternative Names	FGF22; Fibroblast growth factor 22; FGF-22

Background

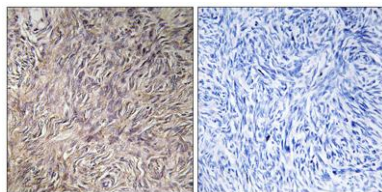
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth 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],



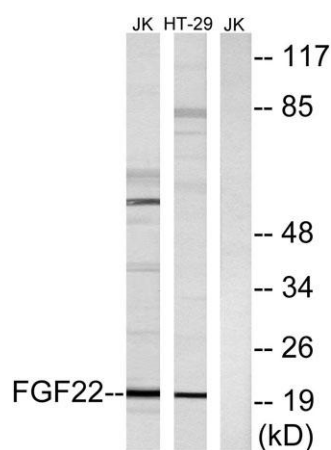
Western Blot analysis of various cells using FGF-22 Polyclonal Antibody diluted at 1:1000



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.