10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FGF22 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12191A

Specification

FGF22 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9HCT0
Other Accession	Q9ESS2, NP_065688.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**19663**
Antigen Region	**18-46**

FGF22 Antibody (N-term) - Additional Information

Gene ID 27006

Other Names
Fibroblast growth factor 22, FGF-22, FGF22

Target/Specificity
This FGF22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human FGF22.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FGF22 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FGF22 Antibody (N-term) - 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.

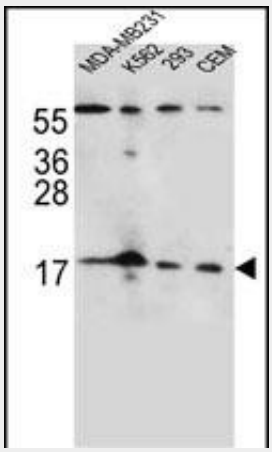
Cellular Location
Secreted.

FGF22 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF22 Antibody (N-term) - Images



FGF22 Antibody (N-term) (Cat. #AP12191a) western blot analysis in MDA-MB231,K562,293,CEM cell line lysates (35ug/lane).This demonstrates the FGF22 antibody detected the FGF22 protein (arrow).

FGF22 Antibody (N-term) - 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. [provided by RefSeq].

FGF22 Antibody (N-term) - References

Moffa, A.B., et al. J. Cell. Physiol. 210(3):720-731(2007)
Zhang, X., et al. J. Biol. Chem. 281(23):15694-15700(2006)

Beer, H.D., et al. Oncogene 24(34):5269-5277(2005)
Popovici, C., et al. J. Biol. Chem. 279(38):40146-40152(2004)
Umemori, H., et al. Cell 118(2):257-270(2004)