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FGF18 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6643a

Specification

FGF18 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	O76093
Other Accession	O88182, O89101, Q0VCA0
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**23-50**

FGF18 Antibody (N-term) - Additional Information

Gene ID 8817

Other Names
Fibroblast growth factor 18, FGF-18, zFGF5, FGF18

Target/Specificity
This FGF18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-50 amino acids from the N-terminal region of human FGF18.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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
FGF18 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FGF18 Antibody (N-term) - Protein Information

Name FGF18

Function Plays an important role in the regulation of cell proliferation, cell differentiation and cell migration. Required for normal ossification and bone development. Stimulates hepatic and

intestinal proliferation.

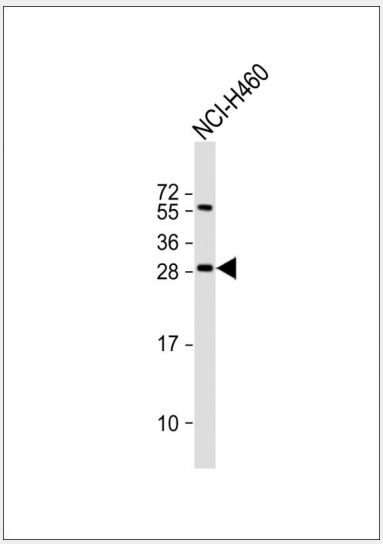
Cellular Location
Secreted.

FGF18 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

FGF18 Antibody (N-term) - Images



Anti-FGF18 Antibody (N-term) at 1:2000 dilution + NCI-H460 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

FGF18 Antibody (N-term) - Background

FGF18 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. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures.

FGF18 Antibody (N-term) - References

Wan,W.D., Beijing Da Xue Xue Bao 41 (4), 409-413 (2009)
Sonvilla,G., Carcinogenesis 29 (1), 15-24 (2008)