

FGF18 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP6643a

Product Information

Application WB, E **Primary Accession** 076093

Other Accession
Reactivity
Human, Rat, Mouse
Predicted
Mouse, Rat, Bovine

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 23989
Antigen Region 23-50

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~~1:1000 E~~Use at an assay dependent concentration.

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

or therapeutic procedures.

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.

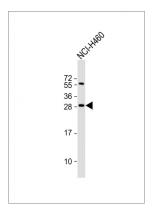
Background

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.

References

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.