

# FGF18 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6643a

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O76093</a>
<b>Other Accession</b>	<a href="#">O88182</a> , <a href="#">O89101</a> , <a href="#">Q0VCA0</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Mouse, Rat, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Antigen Region</b>	23-50

## Additional Information

---

<b>Other Names</b>	Fibroblast growth factor 18, FGF-18, zFGF5, FGF18
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	FGF18 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

### 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

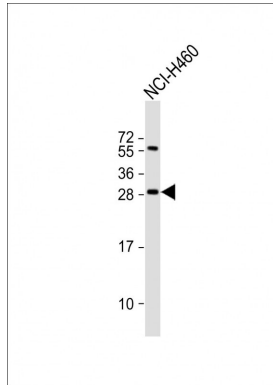
---

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'.