

FGF18 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6643a**Specification**

FGF18 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O76093](#)**FGF18 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8817**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6643a](/products/AP6643a) was selected from the N-term region of human FGF18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FGF18 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FGF18 Antibody (N-term) Blocking Peptide - Images

FGF18 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - References

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