

FGF19 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18231b**Specification**

FGF19 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O95750](#)

FGF19 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9965

Other Names

Fibroblast growth factor 19, FGF-19, FGF19

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.

FGF19 Antibody (C-term) Blocking Peptide - Protein Information

Name FGF19

Function

Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1/2 cascades. Stimulates glucose uptake in adipocytes. Activity requires the presence of KLB and FGFR4.

Cellular Location

Secreted.

Tissue Location

Expressed in fetal brain, cartilage, retina, and adult gall bladder.

FGF19 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FGF19 Antibody (C-term) Blocking Peptide - Images

FGF19 Antibody (C-term) Blocking Peptide - 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. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development.

FGF19 Antibody (C-term) Blocking Peptide - References

Rao, A.S., et al. Gastroenterology 139(5):1549-1558(2010) Turnbull, C., et al. Nat. Genet. 42(6):504-507(2010) Schreuder, T.C., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 298 (3), G440-G445 (2010) :Reiche, M., et al. Horm. Metab. Res. 42(3):178-181(2010) Wu, X., et al. J. Biol. Chem. 285(8):5165-5170(2010)