

FGF19 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18231b

Specification

FGF19 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O95750
Other Accession	NP_005108.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24003
Antigen Region	175-202

FGF19 Antibody (C-term) - Additional Information

Gene ID 9965

Other Names

Fibroblast growth factor 19, FGF-19, FGF19

Target/Specificity

This FGF19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 175-202 amino acids from the C-terminal region of human FGF19.

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

FGF19 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FGF19 Antibody (C-term) - 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

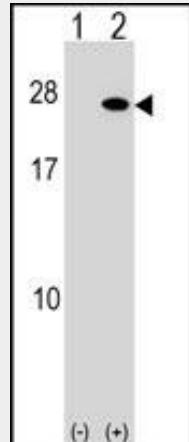
Expressed in fetal brain, cartilage, retina, and adult gall bladder.

FGF19 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF19 Antibody (C-term) - Images



Western blot analysis of FGF19 (arrow) using rabbit polyclonal FGF19 Antibody (C-term) (Cat. #AP18231b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FGF19 gene.

FGF19 Antibody (C-term) - 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) - 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)