

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

**Specification**

---

**FGF19 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O95750</a>
Other Accession	<a href="#">NP_005108.1</a>
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

**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

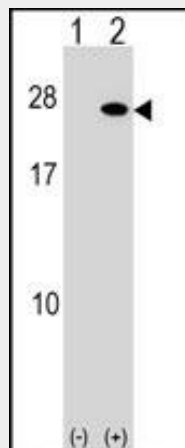
Expressed in fetal brain, cartilage, retina, and adult gall bladder.

### 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)