

FGF19 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22412a

Specification

FGF19 antibody - Product Information

| | |
|-------------------|------------------------|
| Application | IHC-P,E |
| Primary Accession | O95750 |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit Ig |
| Calculated MW | 24003 |

FGF19 antibody - Additional Information

Gene ID 9965

Other Names

Fibroblast growth factor 19, FGF-19, FGF19

Target/Specificity

This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.

Dilution

IHC-P~~1ug/ml

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 is for research use only and not for use in diagnostic or therapeutic procedures.

FGF19 antibody - 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

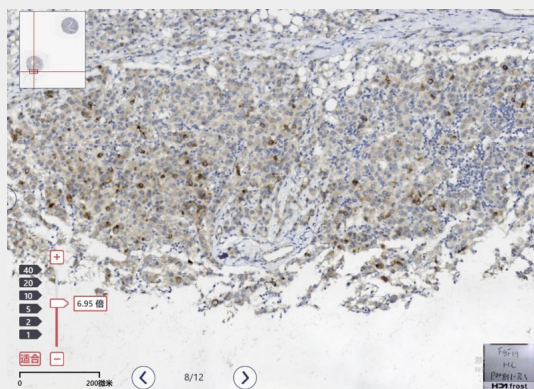
Expressed in fetal brain, cartilage, retina, and adult gall bladder.

FGF19 antibody - 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 - Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using FGF19 antibody performed on the Abcarta® FAIP-48T Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:ADR005] was used as the secondary antibody.

FGF19 antibody - Background

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.

FGF19 antibody - References

- Nishimura T., et al. *Biochim. Biophys. Acta* 1444:148-151(1999).
Xie M.-H., et al. *Cytokine* 11:729-735(1999).
Clark H.F., et al. *Genome Res.* 13:2265-2270(2003).
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Zhang Z., et al. *Protein Sci.* 13:2819-2824(2004).