

# FGF19 antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22412a

#### **Product Information**

Application WB, IHC-P, E
Primary Accession O95750
Host Rabbit
Clonality polyclonal
Isotype Rabbit Ig
Clone Names R03803
Calculated MW 24003

## **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** WB~~1:1000 IHC-P~~1ug/ml E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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.

# **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.

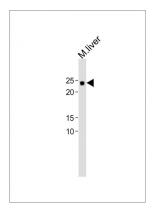
## **Background**

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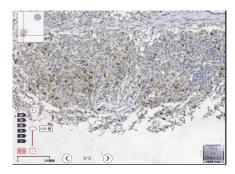
### References

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).

## **Images**



All lanes: Anti-FGF19 antibody at 1:1000 dilution + Mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 24 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



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. AmpSeeTM Detection Systems(Abcepta:ADR005) was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.