

FGF19 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22461a**Specification**

FGF19 antibody - Product Information

Application	WB,E
Primary Accession	O95750
Reactivity	Human
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

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 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.

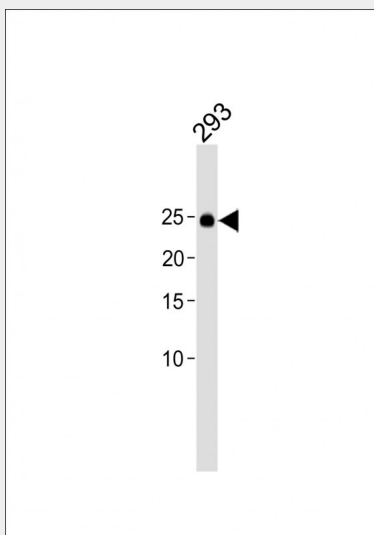
Cellular Location
Secreted.**Tissue Location**

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

All lanes: Anti-FGF19 antibody at 1:1000 dilution + 293 whole cell 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.

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).
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Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).