

# FGF19 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52024

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O95750</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	24003

## Additional Information

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<b>Gene ID</b>	9965
<b>Other Names</b>	Fibroblast growth factor 19, FGF-19, FGF19
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FGF19. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	FGF19
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Expressed in fetal brain, cartilage, retina, and adult gall bladder.

## Background

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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.

## References

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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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