

Datasheet for ABIN3044409  
**anti-FGF19 antibody (Middle Region)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	FGF19
Binding Specificity:	AA 124-140, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Fibroblast growth factor 19(FGF19) detection. Tested with WB, IHC-P in Human.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human FGF19(124-140aa EEIRPDGYNVYRSEKHR).
Sequence:	EEIRPDGYNV YRSEKHR
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Fibroblast growth factor 19(FGF19) detection. Tested with WB, IHC-P in Human. Gene Name: fibroblast growth factor 19 Protein Name: Fibroblast growth factor 19(FGF-19)

## Product Details

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Purification: Immunogen affinity purified.

## Target Details

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Target: FGF19

Alternative Name: FGF19 ([FGF19 Products](#))

Background: FGF19, Fibroblast growth factor 19, is a protein that in humans is encoded by the FGF19 gene. The protein encoded by this gene is a member of the fibroblast growth factor(FGF) family. The FGF19 gene is mapped to 11q13.3. The deduced 216-amino acid FGF19 protein contains a signal sequence and 2 cysteine residues that are conserved in the FGF family. 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 stimulates hepatic protein and glycogen synthesis but does not induce lipogenesis. The effects of FGF19 are independent of the activity of either insulin or the protein kinase Akt and, instead, are mediated through a mitogen-activated protein kinase signaling pathway that activates components of the protein translation machinery and stimulates glycogen synthase activity.

Synonyms: FGF 19 antibody|FGF-19 antibody|FGF15 antibody|FGF19 antibody|FGF19\_HUMAN antibody|Fibroblast growth factor 15 antibody|Fibroblast growth factor 19 antibody

UniProt: [O95750](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human  
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.  
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.  
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

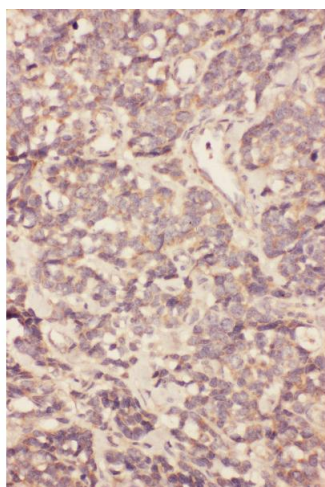
## Application Details

Restrictions: For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

## Images



### Immunohistochemistry

**Image 1.** Anti-FGF19 antibody, IHC(P) IHC(P): Human Gallbladder Cancer Tissue



Western Blotting

**Image 2.** Anti-FGF19 antibody, Western blotting All lanes:  
Anti FGF19 at 0.5ug/ml Lane 1: U87 Whole Cell Lysate at 40ug Lane 2: SMMC Whole Cell Lysate at 40ug Predicted bind size: 24KD Observed bind size: 24KD