

Product datasheet

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ARG59213 anti-FGF19 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes FGF19

Tested Reactivity Rat
Tested Application WB
Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name FGF19

Species Rat

Immunogen Recombinant protein corresponding to R26-K218 of Rat FGF19.

Conjugation Un-conjugated

Alternate Names Fibroblast growth factor 19; FGF-19

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Sodium azide

Stabilizer 5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol FGF19

Gene Full Name fibroblast growth factor 19

Background The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family

members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. 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. [provided

by RefSeq, Jul 2008]

Function Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression,

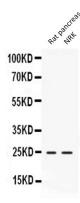
following positive regulation of the JNK and ERK1/2 cascades. Stimulates glucose uptake in adipocytes.

Activity requires the presence of KLB and FGFR4. [UniProt]

Calculated Mw 24 kDa

Cellular Localization Secreted. [UniProt]

Images



ARG59213 anti-FGF19 antibody WB image

Western blot: Rat pancreas and NRK whole cell lysates stained with ARG59213 anti-FGF19 antibody at 0.5 $\mu g/ml$ dilution.