Product datasheet

Anti-FGF19 antibody ab225942

Overview

Product name: Anti-FGF19 antibody
Description: Rabbit polyclonal to FGF19
Host species: Rabbit
Tested applications: Suitable for: IHC-P, WB
Species reactivity: Reacts with: Mouse, Human
Immunogen: Recombinant full length protein corresponding to Human FGF19 aa 25-216.
Sequence:
LAFSDAGPHVHYGWGDPIRRHLTYTSGPHGLSSCFLRI
RADGVVDCARGQ
SAHSLLEIKAVALRTVAIKGVHSVRYLCMGADGKMQGL
LQYSEEDCAFE
EIRPDGYNYRSEKHRLPVSLSSAKQRQLYKNRGFLPL
SHFLPMLPMVPE
EPEDLRGHLEDSMDFSSPLEDSMDPFGLVTLGAV
SPSFEK

Database link: O95750

Positive control: WB: Mouse brain lysate. IHC-P: Human small intestine tissue.

Properties

Form: Liquid
Storage buffer: pH: 7.30
Preservative: 0.02% Sodium azide
 Constituents: 50% Glycerol, PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG
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.

Tissue specificity

Expressed in fetal brain, cartilage, retina, and adult gall bladder.

Sequence similarities

Belongs to the heparin-binding growth factors family.

Cellular localization

Secreted.

Applications

Our Abpromise guarantee covers the use of ab225942 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td>★★★★★</td>
<td>1/20 - 1/200.</td>
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</table>
| WB          |           | 1/1000 - 1/5000. Detects a band of approximately 24 kDa (predicted molecular weight: 24 kDa).

Target

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.

Tissue specificity

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Sequence similarities

Belongs to the heparin-binding growth factors family.

Cellular localization

Secreted.

Images

Western blot - Anti-FGF19 antibody (ab225942) at 1/1000 dilution + Mouse brain lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa
Paraffin-embedded human small intestine tissue stained for FGF19 with ab225942 at 1/100 dilution in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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