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Datasheet for ABIN238569 anti-FGF21 antibody (Internal Region)

3 Images



Overview

Quantity:	100 µg
Target:	FGF21
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FGF21 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Fibroblast growth factor 21
Immunogen:	CQRPDGALYGSLH
Sequence:	CQRPDGALYG SLH
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	FGF21
Alternative Name:	FGF21 (FGF21 Products)
Background:	, fibroblast growth factor 21, FGF21
Gene ID:	26291
NCBI Accession:	NP_061986
Pathways:	RTK Signaling

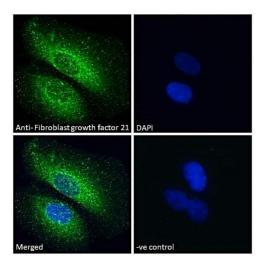
Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Expression of the protein seen in the Endoplasmic reticulum and cytoplasm of HeLa and U2OS cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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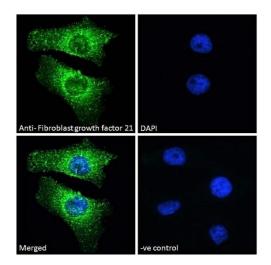
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

Immunofluorescence

Image 1. (ABIN238569) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (2 μ g/mL), showing ER and cytoplasmic staining. The nuclear stain is

Image 2. ABIN238569 (1µg/ml) staining of Human Liver Iysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunofluorescence

Image 3. (ABIN238569) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (2 μ g/mL), showing ER and cytoplasmic staining. The nuclear stain is

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