

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

FGF21

RRID:AB_2629460

Type: Antibody

Proper Citation

Abcam Cat# ab171941, RRID:AB_2629460

Antibody Information

URL: http://antibodyregistry.org/AB_2629460

Proper Citation: Abcam Cat# ab171941, RRID:AB_2629460

Clonality: unknown

Antibody Name: FGF21

Description: This unknown targets

Antibody ID: AB_2629460

Vendor: Abcam

Catalog Number: ab171941

Record Creation Time: 20250819T234215+0000

Record Last Update: 20250820T060940+0000

Ratings and Alerts

No rating or validation information has been found for FGF21 .

No alerts have been found for FGF21 .

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Lin T, et al. (2026) Lightweight, elastic and bioactive scaffolds with enhanced vascularization and anti-inflammation for post-enucleation orbital reconstruction. *Acta biomaterialia*, 217, 151.

Ogawa M, et al. (2026) FGF21 suppresses hepatocellular carcinoma by driving competitive cell-cell interactions. *Cell reports*, 45(6), 117410.

Xu S, et al. (2025) The clinical antiprotozoal drug halofuginone promotes weight loss by elevating GDF15 and FGF21. *Science advances*, 11(13), eadt3142.

Li S, et al. (2024) Dietary protein restriction regulates skeletal muscle fiber metabolic characteristics associated with the FGF21-ERK1/2 pathway. *iScience*, 27(3), 109249.

Chang CF, et al. (2024) Brown adipose tissue CoQ deficiency activates the integrated stress response and FGF21-dependent mitohormesis. *The EMBO journal*, 43(2), 168.

Pedersen AKN, et al. (2024) Metformin Improves the Prerequisites for FGF21 Signaling in Patients With Type 2 Diabetes. *The Journal of clinical endocrinology and metabolism*, 109(2), e552.

Nishizawa H, et al. (2024) BACH1 inhibits senescence, obesity, and short lifespan by ferroptotic FGF21 secretion. *Cell reports*, 43(7), 114403.

Zhu H, et al. (2023) CRISPRa-based activation of Fgf21 and Fndc5 ameliorates obesity by promoting adipocytes browning. *Clinical and translational medicine*, 13(7), e1326.

Kaur N, et al. (2023) FGF21/FGFR1-?-KL cascade in cardiomyocytes modulates angiogenesis and inflammation under metabolic stress. *Heliyon*, 9(4), e14952.

Kuo YY, et al. (2023) Glibenclamide promotes FGF21 secretion in interscapular BAT and attenuates depression-like behaviors in male mice with HFD-induced obesity. *Life sciences*, 328, 121900.

Zhong Y, et al. (2023) PRMT4 Facilitates White Adipose Tissue Browning and Thermogenesis by Methylating PPAR?. *Diabetes*, 72(8), 1095.

Chen X, et al. (2022) FGF21 promotes migration and differentiation of epidermal cells during wound healing via SIRT1-dependent autophagy. *British journal of pharmacology*, 179(5), 1102.

Zhang Y, et al. (2022) Pegylated arginine deiminase drives arginine turnover and systemic autophagy to dictate energy metabolism. *Cell reports. Medicine*, 3(1), 100498.

Zhou B, et al. (2022) Central FGF21 production regulates memory but not peripheral metabolism. *Cell reports*, 40(8), 111239.

Zhang Y, et al. (2021) FGF21 impedes peripheral myelin development by stimulating p38 MAPK/c-Jun axis. *Journal of cellular physiology*, 236(2), 1345.

Pereira RO, et al. (2021) OPA1 deletion in brown adipose tissue improves thermoregulation and systemic metabolism via FGF21. *eLife*, 10.

Wu L, et al. (2020) Astaxanthin attenuates hepatic damage and mitochondrial dysfunction in non-alcoholic fatty liver disease by up-regulating the FGF21/PGC-1 α pathway. *British journal of pharmacology*, 177(16), 3760.

Geller S, et al. (2019) Tanycytes Regulate Lipid Homeostasis by Sensing Free Fatty Acids and Signaling to Key Hypothalamic Neuronal Populations via FGF21 Secretion. *Cell metabolism*, 30(4), 833.

Ruan CC, et al. (2018) A2A Receptor Activation Attenuates Hypertensive Cardiac Remodeling via Promoting Brown Adipose Tissue-Derived FGF21. *Cell metabolism*, 28(3), 476.

Pan X, et al. (2018) FGF21 Prevents Angiotensin II-Induced Hypertension and Vascular Dysfunction by Activation of ACE2/Angiotensin-(1-7) Axis in Mice. *Cell metabolism*, 27(6), 1323.