Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2025

Anti-TFE3 antibody produced in rabbit

RRID:AB_1857931
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# HPA023881, RRID:AB_1857931)

Antibody Information

URL: http://antibodyregistry.org/AB_1857931

Proper Citation: (Sigma-Aldrich Cat# HPA023881, RRID:AB_1857931)

Target Antigen: Human TFE3

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations: Immunohistochemistry; Other; Immunohistochemistry (formalin-fixed, paraffin-embedded sections), Protein Array

Antibody Name: Anti-TFE3 antibody produced in rabbit

Description: This unknown targets Human TFE3

Target Organism: human

Antibody ID: AB_1857931

Vendor: Sigma-Aldrich

Catalog Number: HPA023881

Record Creation Time: 20231110T051631+0000

Record Last Update: 20241115T034651+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas https://www.proteinatlas.org/search/HPA023881

No alerts have been found for Anti-TFE3 antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Li J, et al. (2024) TFE3 fusions direct an oncogenic transcriptional program that drives OXPHOS and unveils vulnerabilities in translocation renal cell carcinoma. bioRxiv : the preprint server for biology.

Jha S, et al. (2023) Germline and somatic inactivating FLCN variants in parathyroid cancer and atypical parathyroid tumors. The Journal of clinical endocrinology and metabolism.

Cao J, et al. (2023) Live birth of chimeric monkey with high contribution from embryonic stem cells. Cell, 186(23), 4996.

Déjosez M, et al. (2023) Bat pluripotent stem cells reveal unusual entanglement between host and viruses. Cell, 186(5), 957.

Nardone C, et al. (2023) A central role for regulated protein stability in the control of TFE3 and MITF by nutrients. Molecular cell, 83(1), 57.

Contreras PS, et al. (2023) Beta-coronaviruses exploit cellular stress responses by modulating TFEB and TFE3 activity. iScience, 26(3), 106169.

Wang X, et al. (2023) Bexarotene improves motor function after spinal cord injury in mice. Neural regeneration research, 18(12), 2733.

Lou J, et al. (2022) Cyclic helix B peptide promotes random-pattern skin flap survival via TFE3-mediated enhancement of autophagy and reduction of ROS levels. British journal of pharmacology, 179(2), 301.

Lie PPY, et al. (2021) Post-Golgi carriers, not lysosomes, confer lysosomal properties to pre-degradative organelles in normal and dystrophic axons. Cell reports, 35(4), 109034.

Olivieri D, et al. (2021) The BTB-domain transcription factor ZBTB2 recruits chromatin remodelers and a histone chaperone during the exit from pluripotency. The Journal of biological chemistry, 297(2), 100947.

Bayerl J, et al. (2021) Principles of signaling pathway modulation for enhancing human naive pluripotency induction. Cell stem cell, 28(9), 1549.

Takahashi K, et al. (2020) Critical Roles of Translation Initiation and RNA Uridylation in Endogenous Retroviral Expression and Neural Differentiation in Pluripotent Stem Cells. Cell reports, 31(9), 107715.

Endoh M, et al. (2020) A FLCN-TFE3 Feedback Loop Prevents Excessive Glycogenesis and Phagocyte Activation by Regulating Lysosome Activity. Cell reports, 30(6), 1823.

Villegas F, et al. (2019) Lysosomal Signaling Licenses Embryonic Stem Cell Differentiation via Inactivation of Tfe3. Cell stem cell, 24(2), 257.

Annunziata I, et al. (2019) MYC competes with MiT/TFE in regulating lysosomal biogenesis and autophagy through an epigenetic rheostat. Nature communications, 10(1), 3623.

MacDougall MS, et al. (2019) Intracellular Ca2+ Homeostasis and Nuclear Export Mediate Exit from Naive Pluripotency. Cell stem cell, 25(2), 210.

El-Houjeiri L, et al. (2019) The Transcription Factors TFEB and TFE3 Link the FLCN-AMPK Signaling Axis to Innate Immune Response and Pathogen Resistance. Cell reports, 26(13), 3613.

Zhang H, et al. (2019) Polyamines Control eIF5A Hypusination, TFEB Translation, and Autophagy to Reverse B Cell Senescence. Molecular cell, 76(1), 110.

Cornacchia D, et al. (2019) Lipid Deprivation Induces a Stable, Naive-to-Primed Intermediate State of Pluripotency in Human PSCs. Cell stem cell, 25(1), 120.

Brady OA, et al. (2018) The transcription factors TFE3 and TFEB amplify p53 dependent transcriptional programs in response to DNA damage. eLife, 7.