

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

ATF4-human

RRID:AB_2616025

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 11815, RRID:AB_2616025

Antibody Information

URL: http://antibodyregistry.org/AB_2616025

Proper Citation: Cell Signaling Technology Cat# 11815, RRID:AB_2616025

Target Antigen: ATF4

Host Organism: rabbit

Clonality: monoclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 2 for HepG2,MCF-7,HEK293T,K562; status is pending dcc review,awaiting lab characterization

Antibody Name: ATF4-human

Description: This monoclonal targets ATF4

Target Organism: homo sapiens

Antibody ID: AB_2616025

Vendor: Cell Signaling Technology

Catalog Number: 11815

Alternative Catalog Numbers: ENCAB306IYD

Record Creation Time: 20250819T230620+0000

Record Last Update: 20250820T041801+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 2 is available under ENCODE ID: ENCAB306IYD - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB306IYD>

No alerts have been found for ATF4-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 194 mentions in open access literature.

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

Liao Y, et al. (2026) Neuroserpin alleviates cerebral ischemia-reperfusion injury by suppressing ischemia-induced endoplasmic reticulum stress. Neural regeneration research, 21(1), 333.

Teisseire M, et al. (2025) De Novo Serine Synthesis Is a Metabolic Vulnerability That Can Be Exploited to Overcome Sunitinib Resistance in Advanced Renal Cell Carcinoma. Cancer research, 85(10), 1857.

Lorenzo-Martín LF, et al. (2025) Ribosomal protein deficiencies linked to Diamond-Blackfan anemia induce distinctive alterations of ATF4 expression. iScience, 28(4), 112138.

Zhang Y, et al. (2025) Cancer cells co-opt an inter-organ neuroimmune circuit to escape immune surveillance. Cell, 188(24), 6754.

Hu Q, et al. (2025) circATF6 triggers calcium overload to synergize with EGFR-TKI in non-small cell lung cancer via modulation of proteostasis. Cell reports, 44(12), 116659.

Coria AR, et al. (2025) The integrated stress response regulates 18S nonfunctional rRNA decay in mammals. Molecular cell, 85(4), 787.

Tang Q, et al. (2025) Gut bacterial L-lysine alters metabolism and histone methylation to drive dendritic cell tolerance. Cell reports, 44(1), 115125.

McFadden MJ, et al. (2025) IRE1 γ promotes phagosomal calcium flux to enhance macrophage fungicidal activity. Cell reports, 44(5), 115694.

Di R, et al. (2025) A mechano-resistance mechanism in skin adapts to terrestrial locomotion. Cell.

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of ? cell identity. Cell reports. Medicine, 6(8), 102254.

Wong F, et al. (2025) Optogenetics-enabled discovery of integrated stress response modulators. Cell, 188(18), 4950.

Mitra T, et al. (2025) MEK-dependent bioenergetic demand drives terminal CD8 + T cell exhaustion. *bioRxiv : the preprint server for biology*.

Jasani N, et al. (2025) PHGDH Induction by MAPK Is Essential for Melanoma Formation and Creates an Actionable Metabolic Vulnerability. *Cancer research*, 85(2), 314.

Nguyen LD, et al. (2025) Impact of ATF6 deletion on the embryonic brain development. *iScience*, 28(6), 112569.

Chen MY, et al. (2025) BAG2 releases SAMD4B upon sensing of arginine deficiency to promote tumor cell survival. *Molecular cell*, 85(13), 2581.

Xie M, et al. (2025) Artemisinin synergizes with CCCP in autophagic cell death induction via ER stress in uveal melanoma. *iScience*, 28(8), 112972.

Gizaw NY, et al. (2025) Inhibiting cholesterol synthesis halts rhabdomyosarcoma growth via ER stress and cell cycle arrest. *EMBO molecular medicine*, 17(12), 3586.

Dunlap KN, et al. (2025) SLC7A5 is required for cancer cell growth under arginine-limited conditions. *Cell reports*, 44(1), 115130.

Lowe E, et al. (2025) Preclinical characterization of novel multi-client inhibitors of Sec61 with broad antitumor activity. *The Journal of pharmacology and experimental therapeutics*, 392(8), 103634.

Wu CY, et al. (2025) Glucose restriction shapes pre-metastatic innate immune landscapes in the lung through exosomal TRAIL. *Cell*.