

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

ATF-4 (D4B8) Rabbit mAb

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: ATF-4

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, ChIP, ChIP-seq

Antibody Name: ATF-4 (D4B8) Rabbit mAb

Description: This monoclonal targets ATF-4

Target Organism: rat, mouse, human

Clone ID: Clone D4B8

Antibody ID: AB_2616025

Vendor: Cell Signaling Technology

Catalog Number: 11815

Record Creation Time: 20250819T212002+0000

Record Last Update: 20250819T223712+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 ATF-4 (D4B8) Rabbit mAb.

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 [NIF](#) .

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*.