

Resource Summary Report

Generated by [kravitz2](#) on Aug 15, 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 220 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

Xie A, et al. (2026) Citrate clearance is a major function of aconitase 2 in the canonical TCA cycle. *Cell*, 189(9), 2684.

Liu J, et al. (2026) Overcoming ADC resistance in advanced colorectal cancer by dual targeting of TROP2 and PERK to suppress Wnt/ β -catenin signaling. *Cell reports. Medicine*, 7(5), 102769.

Montoya T, et al. (2026) Alanine catabolism as a targetable vulnerability for MYC-driven liver cancer. *Cell reports*, 45(4), 117107.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Lisci M, et al. (2026) Functional nutrient-genetic profiling reveals biotin and FBXW7 are essential to bypass glutamine addiction. *Molecular cell*, 86(5), 901.

Sebastian RM, et al. (2026) SynCAR platform for capturing neuronal synaptic proteopathic seeds. *iScience*, 29(7), 116362.

Mitra T, et al. (2026) MEK-dependent bioenergetic demand drives terminal CD8⁺ T cell exhaustion. *Immunity*.

Liu J, et al. (2026) Differential regulation of translational stress responses by herpesvirus ubiquitin deconjugases. *The FEBS journal*, 293(4), 1024.

Cao J, et al. (2026) Calcium-mediated calreticulin-IRE1 α interaction drives dynamic fluctuation of IRE1 α activity under chronic endoplasmic reticulum stress. *Nature communications*, 17(1).

Li F, et al. (2026) Translational resistance to amino acid starvation in breast cancer cells revealed by ribosome profiling. *iScience*, 29(7), 116627.

- Aussel A, et al. (2026) Tumor metabolic adaptation induced by L-asparaginase reveals a vulnerability to PARP1/2 inhibitor in B-cell lymphomas. *Nature communications*, 17(1).
- Ren H, et al. (2026) MSMO1 promotes chemotherapy resistance through modulation of T-MAS metabolism via PERK/eIF2 γ /ATF4/CHOP pathway. *iScience*, 29(3), 114790.
- Bossowski JP, et al. (2026) The integrated stress response promotes immune evasion through lipocalin 2. *Nature*, 652(8112), 1329.
- Chen S, et al. (2026) R-Propranolol Promotes the Adipogenesis and Subsequent Apoptosis of Hemangioma Stem Cells through the Protein Kinase RNA-Like Endoplasmic Reticulum Kinase Signaling Pathway. *The American journal of pathology*, 196(6), 1389.
- Grandl G, et al. (2026) FGF21 reduces ER stress by enhancing the unfolded protein and integrated stress responses through increased sulfide signaling. *Cell metabolism*, 38(7), 1354.
- Criscuolo D, et al. (2026) KRAS-mediated CCDC6 degradation drives xCT upregulation and ferroptosis evasion. *Apoptosis : an international journal on programmed cell death*, 31(8).
- Mrkacek M, et al. (2026) ORMDL Proteins Turnover via Proteasome and Autophagy Is Cell-Type Dependent and Tied to Ceramide Homeostasis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(6), e71655.
- Liu C, et al. (2026) Gcn2 deficiency triggers anemia and hypoxic intolerance in zebrafish. *Cell reports*, 45(4), 117192.
- Zheng Z, et al. (2026) Targeting PGAM5-driven mitochondrial integrated stress response slows ALS progression across subtypes. *Neuron*, 114(12), 2109.