

# Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

## eIF2 alpha Antibody

RRID:AB\_2230924

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 9722, RRID:AB\_2230924

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2230924](http://antibodyregistry.org/AB_2230924)

**Proper Citation:** Cell Signaling Technology Cat# 9722, RRID:AB\_2230924

**Target Antigen:** eIF2 alpha

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W. Consolidation: AB\_10695409.

**Antibody Name:** eIF2 alpha Antibody

**Description:** This polyclonal targets eIF2 alpha

**Target Organism:** monkey, rat, mouse, human

**Antibody ID:** AB\_2230924

**Vendor:** Cell Signaling Technology

**Catalog Number:** 9722

**Alternative Catalog Numbers:** 9722S

**Record Creation Time:** 20231110T044928+0000

**Record Last Update:** 20260901T045123+0000

### Ratings and Alerts

No rating or validation information has been found for eIF2 alpha Antibody.

No alerts have been found for eIF2 alpha Antibody.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 145 mentions in open access literature.

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

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

Adachi Y, et al. (2026) Chronic stress antagonizes formation of stress granules. *iScience*, 29(1), 114556.

Liu C, et al. (2026) Gcn2 deficiency triggers anemia and hypoxic intolerance in zebrafish. *Cell reports*, 45(4), 117192.

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.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. *Cell metabolism*.

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

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. *Molecular cell*, 86(5), 917.

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. *Neural regeneration research*, 21(4), 1574.

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

Gu Z, et al. (2026) Wntless degradation mediated by CaMKII inhibition drives endoplasmic reticulum stress and apoptosis. *Cell reports*, 45(4), 117256.

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

Huang Z, et al. (2025) R1OK3 mediates the degradation of 40S ribosomes. *Molecular cell*, 85(4), 802.

Batistuzzo A, et al. (2025) FVB But Not B6 Mice Carrying the Thr92Ala-Dio2 Polymorphism Have Impaired Thyroid Hormonogenesis and Goiter. *Endocrinology*,

166(5).

Tsuneki H, et al. (2025) Bromocriptine improves glucose tolerance in obese mice via central dopamine D2 receptor-independent mechanism. *PloS one*, 20(3), e0320157.

Jackson CB, et al. (2025) De novo serine biosynthesis is protective in mitochondrial disease. *Cell reports*, 44(5), 115710.

Han B, et al. (2025) 5' UTR-mediated retention of eIF3 on 80S ribosomes promotes co-translational folding of ER membrane proteins. *Cell reports*, 44(12), 116662.

Chaouki G, et al. (2025) Pre-cachectic changes in amino acid homeostasis precede activation of eIF2 $\alpha$  signaling in the liver at the onset of C26 cancer-induced cachexia. *iScience*, 28(3), 112030.

Yang G, et al. (2025) HSPA8 dampens SCAP/INSIG split and SREBP activation by reducing PKR-mediated INSIG phosphorylation. *Cell reports*, 44(3), 115339.

Seluzicki CM, et al. (2025) Regulation of translation elongation and integrated stress response in heat-shocked neurons. *Cell reports*, 44(5), 115639.

Tahmasebinia F, et al. (2025) The 40S ribosomal subunit recycling complex modulates mitochondrial dynamics and endoplasmic reticulum - mitochondria tethering at mitochondrial fission/fusion hotspots. *Nature communications*, 16(1), 1021.