

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Rabbit Anti-eIF2alpha, phospho (Ser51) Monoclonal Antibody, Unconjugated, Clone 119A11

RRID:AB_390740

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3597, RRID:AB_390740

Antibody Information

URL: http://antibodyregistry.org/AB_390740

Proper Citation: Cell Signaling Technology Cat# 3597, RRID:AB_390740

Target Antigen: Phospho-eIF2 alpha (Ser51)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P

Antibody Name: Rabbit Anti-eIF2alpha, phospho (Ser51) Monoclonal Antibody, Unconjugated, Clone 119A11

Description: This monoclonal targets Phospho-eIF2 alpha (Ser51)

Target Organism: Human, Rat, Monkey, Mouse, D. melanogaster

Clone ID: 119A11

Antibody ID: AB_390740

Vendor: Cell Signaling Technology

Catalog Number: 3597

Alternative Catalog Numbers: 3597L, 3597S

Record Creation Time: 20250820T011311+0000

Record Last Update: 20250820T102112+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-eIF2alpha, phospho (Ser51) Monoclonal Antibody, Unconjugated, Clone 119A11.

No alerts have been found for Rabbit Anti-eIF2alpha, phospho (Ser51) Monoclonal Antibody, Unconjugated, Clone 119A11.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

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

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. *Cell metabolism*, 38(1), 115.

Mori M, et al. (2025) A retrograde, non-canonical integrated stress response cascade maintains synaptic strength under amino acid deprivation. *Cell reports*, 44(11), 116522.

Bond Newton SE, et al. (2025) ER stress tolerance is regulated by copper-dependent PERK kinase activity. *Cell reports*, 44(10), 116318.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Feng NN, et al. (2025) Ceftriaxone ameliorates tau phosphorylation and mislocalization in APP/PS1 AD mice by inhibiting endoplasmic reticulum stress. *Neuropharmacology*, 279, 110600.

Chen Y, et al. (2024) Collective cell migration relies on PPP1R15-mediated regulation of the endoplasmic reticulum stress response. *Current biology : CB*.

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. *Cell reports*, 43(12), 114984.

Dey N, et al. (2024) miR-217 Regulates Normal and Tumor Cell Fate Following Induction of Endoplasmic Reticulum Stress. *Molecular cancer research : MCR*, 22(4), 360.

Schultz A, et al. (2024) Neuronal and glial cell alterations involved in the retinal degeneration of the familial dysautonomia optic neuropathy. *Glia*, 72(12), 2268.

- Yan J, et al. (2024) Macrophage NRF1 promotes mitochondrial protein turnover via the ubiquitin proteasome system to limit mitochondrial stress and inflammation. *Cell reports*, 43(10), 114780.
- Yang L, et al. (2023) Metformin inhibits inflammatory response and endoplasmic reticulum stress to improve hypothalamic aging in obese mice. *iScience*, 26(10), 108082.
- Wu J, et al. (2023) FAM210A Regulates Mitochondrial Translation and Maintains Cardiac Mitochondrial Homeostasis. *bioRxiv : the preprint server for biology*.
- Jana S, et al. (2023) Transcriptional-translational conflict is a barrier to cellular transformation and cancer progression. *Cancer cell*, 41(5), 853.
- Li TY, et al. (2023) V-ATPase/TORC1-mediated ATFS-1 translation directs mitochondrial UPR activation in *C. elegans*. *The Journal of cell biology*, 222(1).
- Zheng J, et al. (2023) Differential Ire1 determines loser cell fate in tumor-suppressive cell competition. *Cell reports*, 42(11), 113303.
- Qu J, et al. (2023) Piezo1 suppression reduces demyelination after intracerebral hemorrhage. *Neural regeneration research*, 18(8), 1750.
- Uzay B, et al. (2023) Neurotransmitter release progressively desynchronizes in induced human neurons during synapse maturation and aging. *Cell reports*, 42(2), 112042.
- Zhao S, et al. (2023) RNF14-dependent atypical ubiquitylation promotes translation-coupled resolution of RNA-protein crosslinks. *Molecular cell*, 83(23), 4290.
- Zhang P, et al. (2022) Clusterin is involved in mediating the metabolic function of adipose SIRT1. *iScience*, 25(1), 103709.