Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

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

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: 20241115T094517+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 119 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Fedry J, et al. (2024) Visualization of translation reorganization upon persistent ribosome collision stress in mammalian cells. Molecular cell, 84(6), 1078.

Magg V, et al. (2024) Turnover of PPP1R15A mRNA encoding GADD34 controls responsiveness and adaptation to cellular stress. Cell reports, 43(4), 114069.

Andres M, et al. (2024) Insulin-degrading enzyme inhibition increases the unfolded protein response and favours lipid accumulation in the liver. British journal of pharmacology, 181(19), 3610.

Welch N, et al. (2024) Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein homeostasis by hypoxia-inducible factor-1? in normoxia. The Journal of physiology, 602(12), 2763.

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.

Chang CF, et al. (2024) Brown adipose tissue CoQ deficiency activates the integrated stress response and FGF21-dependent mitohormesis. The EMBO journal, 43(2), 168.

Hacisuleyman E, et al. (2024) Neuronal activity rapidly reprograms dendritic translation via eIF4G2:uORF binding. Nature neuroscience, 27(5), 822.

Zhu S, et al. (2024) Islet cell stress induced by insulin-degrading enzyme deficiency promotes regeneration and protection from autoimmune diabetes. iScience, 27(6), 109929.

Miquel-Rio L, et al. (2024) ER stress in mouse serotonin neurons triggers a depressive phenotype alleviated by ketamine targeting eIF2? signaling. iScience, 27(5), 109787.

Sinha NK, et al. (2024) The ribotoxic stress response drives UV-mediated cell death. Cell,

187(14), 3652.

Hou Y, et al. (2024) Downregulation of nutrition sensor GCN2 in macrophages contributes to poor wound healing in diabetes. Cell reports, 43(1), 113658.

Liu K, et al. (2024) A beneficial adaptive role for CHOP in driving cell fate selection during ER stress. EMBO reports, 25(1), 228.

Brown RDR, et al. (2024) Overexpression of ORMDL3 confers sexual dimorphism in diet-induced non-alcoholic steatohepatitis. Molecular metabolism, 79, 101851.

Sinigaglia K, et al. (2024) An ADAR1 dsRBD3-PKR kinase domain interaction on dsRNA inhibits PKR activation. Cell reports, 43(8), 114618.

Zhao N, et al. (2023) Generation of host-directed and virus-specific antivirals using targeted protein degradation promoted by small molecules and viral RNA mimics. Cell host & microbe, 31(7), 1154.

Li C, et al. (2023) Berberine Ameliorates Obesity by Inducing GDF15 Secretion by Brown Adipocytes. Endocrinology, 164(4).

Uzay B, et al. (2023) Neurotransmitter release progressively desynchronizes in induced human neurons during synapse maturation and aging. Cell reports, 42(2), 112042.

Knaus LS, et al. (2023) Large neutral amino acid levels tune perinatal neuronal excitability and survival. Cell, 186(9), 1950.

Batjargal T, et al. (2023) Optogenetic control of the integrated stress response reveals proportional encoding and the stress memory landscape. Cell systems, 14(7), 551.