Resource Summary Report

Generated by RRID on Sep 11, 2026

eIF2alpha (D7D3) XP Rabbit mAb

RRID:AB_10692650
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5324, RRID:AB_10692650

Antibody Information

URL: http://antibodyregistry.org/AB_10692650

Proper Citation: Cell Signaling Technology Cat# 5324, RRID:AB_10692650

Target Antigen: eIF2alpha

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IP, IHC
Consolidation on 9/2016: AB_10694803.

Antibody Name: eIF2alpha (D7D3) XP Rabbit mAb

Description: This recombinant monoclonal targets eIF2alpha

Target Organism: monkey, mouse, rabbit, human

Clone ID: D7D3

Antibody ID: AB_10692650

Vendor: Cell Signaling Technology

Catalog Number: 5324

Alternative Catalog Numbers: 5324S, 5324P

Record Creation Time: 20231110T070226+0000

Record Last Update: 20260829T192348+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community. Contact(s): Dario DeJesus, Rohit Kulkarni - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for eIF2alpha (D7D3) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 116 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Mao Y, et al. (2026) AMPK?2 signals amino acid insufficiency to inhibit protein synthesis. Cell metabolism, 38(1), 192.

Zhang M, et al. (2026) Sleep disturbance triggers aberrant activation of vagus circuitry and induces intestinal stem cell dysfunction. Cell stem cell, 33(2), 306.

Kunitomi H, et al. (2026) eIF4G2-mediated selective translation of chromatin regulators safeguards adult intestinal stem cell identity and differentiation. Cell stem cell, 33(6), 1000.

Sohn J, et al. (2026) Phenylalanyl-tRNA synthetase FARS-1/FARSA balances longevity and immunity by downregulating endogenous mitochondrial double-stranded RNAs. Molecular cell, 86(12), 2373.

Preis JR, et al. (2026) Targeting the energy metabolism of melanoma cells: FX-11 acts as a mitochondrial uncoupler. European journal of pharmacology, 1022, 178800.

Her HL, et al. (2026) Comprehensive RNA-binding protein analyses and deep learning uncover genetic constraints and disease associations in protein-RNA interfaces. Cell systems, 17(6), 101588.

Fu Y, et al. (2026) ALG6 orchestrates coronavirus replication via the endoplasmic reticulum stress-autophagy axis. Cell reports, 45(4), 117108.

Moreno SG, et al. (2026) Heritable ER stress impairs mitochondrial metabolism and maintenance of hematopoietic stem cells after low-dose irradiation. iScience, 29(2), 114738.

O'Connell S, et al. (2026) Systematic profiling of cytosolic membraneless organelles reveals enrichment of oncogenic mRNA upon oxidative stress. Cell reports, 45(4), 117203.

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.

Hung HF, et al. (2026) Centrosome linker protein CEP68 modulates cellular stress responses via nuclear condensate formation and HSP27 interaction. iScience, 29(7), 116491.

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.

Lu T, et al. (2025) Prkra dimer senses double-stranded RNAs to dictate global translation efficiency. Molecular cell, 85(10), 2032.

Saleme B, et al. (2025) Hyperacute response proteins synthesized on ?-tubulin-FTO-MARK4 translation microdomains regulate cancer's acute stress response. Cell reports, 44(7), 115871.

Chen MY, et al. (2025) BAG2 releases SAMD4B upon sensing of arginine deficiency to promote tumor cell survival. Molecular cell, 85(13), 2581.

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.

Gizaw NY, et al. (2025) Inhibiting cholesterol synthesis halts rhabdomyosarcoma growth via ER stress and cell cycle arrest. EMBO molecular medicine, 17(12), 3586.

Li X, et al. (2025) IFN? augments TKI efficacy by alleviating protein unfolding stress to promote GSDME-mediated pyroptosis in hepatocellular carcinoma. Cell death & disease, 16(1), 512.

Murakami S, et al. (2025) m6A alters ribosome dynamics to initiate mRNA degradation. Cell, 188(14), 3728.