Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2024

Phosphorylated eukaryotic translation initiation factor 2 subunit 1

RRID:AB_732117
Type: Antibody

Proper Citation

(Abcam Cat# ab32157, RRID:AB_732117)

Antibody Information

URL: http://antibodyregistry.org/AB_732117

Proper Citation: (Abcam Cat# ab32157, RRID:AB_732117)

Target Antigen: A synthetic phospho-peptide corresponding to residues surrounding Ser51 of human EIF2S1.

Host Organism: rabbit

Clonality: monoclonal

Comments: Used By NYUIHC-1441
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Phosphorylated eukaryotic translation initiation factor 2 subunit 1

Description: This monoclonal targets A synthetic phospho-peptide corresponding to residues surrounding Ser51 of human EIF2S1.

Clone ID: [E90]

Antibody ID: AB_732117

Vendor: Abcam

Catalog Number: ab32157

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Phosphorylated eukaryotic translation initiation factor 2 subunit 1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Zhang Q, et al. (2024) Shigella induces stress granule formation by ADP-riboxanation of the eIF3 complex. Cell reports, 43(2), 113789.

Rivera M, et al. (2024) Malignant A-to-I RNA editing by ADAR1 drives T cell acute lymphoblastic leukemia relapse via attenuating dsRNA sensing. Cell reports, 43(2), 113704.

Amiri M, et al. (2024) Impact of eIF2? phosphorylation on the translational landscape of mouse embryonic stem cells. Cell reports, 43(1), 113615.

Fatalska A, et al. (2024) Recruitment of trimeric eIF2 by phosphatase non-catalytic subunit PPP1R15B. Molecular cell, 84(3), 506.

Marques M, et al. (2024) Influenza A virus propagation requires the activation of the unfolded protein response and the accumulation of insoluble protein aggregates. iScience, 27(3), 109100.

Campbell AE, et al. (2023) Compromised nonsense-mediated RNA decay results in truncated RNA-binding protein production upon DUX4 expression. Cell reports, 42(6), 112642.

Chen T, et al. (2023) Global translational induction during NLR-mediated immunity in plants is dynamically regulated by CDC123, an ATP-sensitive protein. Cell host & microbe, 31(3), 334.

Ma B, et al. (2023) LINC00886 Negatively Regulates Malignancy in Anaplastic Thyroid

Cancer. Endocrinology, 164(4).

Sabbarini IM, et al. (2023) Zinc-finger protein Zpr1 is a bespoke chaperone essential for eEF1A biogenesis. Molecular cell, 83(2), 252.

Müller MBD, et al. (2023) Mechanisms of readthrough mitigation reveal principles of GCN1-mediated translational quality control. Cell, 186(15), 3227.

Meydan S, et al. (2023) The ubiquitin conjugase Rad6 mediates ribosome pausing during oxidative stress. Cell reports, 42(11), 113359.

Fan Q, et al. (2023) Brain injury triggers cell-type-specific and time-dependent endoplasmic reticulum stress responses. Glia, 71(3), 667.

Piñeros AR, et al. (2022) Proinflammatory signaling in islet ? cells propagates invasion of pathogenic immune cells in autoimmune diabetes. Cell reports, 39(13), 111011.

Kalkavan H, et al. (2022) Sublethal cytochrome c release generates drug-tolerant persister cells. Cell, 185(18), 3356.

Srour N, et al. (2022) PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. Cell reports, 38(13), 110582.

Ahola S, et al. (2022) OMA1-mediated integrated stress response protects against ferroptosis in mitochondrial cardiomyopathy. Cell metabolism, 34(11), 1875.

Stoneley M, et al. (2022) Unresolved stalled ribosome complexes restrict cell-cycle progression after genotoxic stress. Molecular cell, 82(8), 1557.

Cordova RA, et al. (2022) GCN2 eIF2 kinase promotes prostate cancer by maintaining amino acid homeostasis. eLife, 11.

Krokowski D, et al. (2022) Stress-induced perturbations in intracellular amino acids reprogram mRNA translation in osmoadaptation independently of the ISR. Cell reports, 40(3), 111092.

Qi M, et al. (2022) The endoplasmic reticulum stress-mediated unfolded protein response protects against infection of goat endometrial epithelial cells by Trueperella pyogenes via autophagy. Virulence, 13(1), 122.