Resource Summary Report

Generated by RRID on Jul 29, 2026

eIF4G Antibody

RRID:AB_2096025
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2498, RRID:AB_2096025

Antibody Information

URL: http://antibodyregistry.org/AB_2096025

Proper Citation: Cell Signaling Technology Cat# 2498, RRID:AB_2096025

Target Antigen: Eif4g3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P, IF-IC, F. Consolidation on 10/2018: AB_10692643, AB_2096025. Info: Used By NYUIHC-583.
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: eIF4G Antibody

Description: This polyclonal targets Eif4g3

Target Organism: rat, mouse, human

Antibody ID: AB_2096025

Vendor: Cell Signaling Technology

Catalog Number: 2498

Record Creation Time: 20250820T020556+0000

Record Last Update: 20250820T124116+0000

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 eIF4G Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Baehr LM, et al. (2025) Response of UBR-box E3 ubiquitin ligases and protein quality control pathways to perturbations in protein synthesis and skeletal muscle size. bioRxiv : the preprint server for biology.

Baehr LM, et al. (2025) Response of UBR-box E3 ubiquitin ligases and protein quality control pathways to perturbations in protein synthesis and skeletal muscle size. American journal of physiology. Cell physiology, 329(6), C1706.

Volegova MP, et al. (2024) The MYCN 5' UTR as a therapeutic target in neuroblastoma. Cell reports, 43(5), 114134.

Schaeffer J, et al. (2023) Customization of the translational complex regulates mRNA-specific translation to control CNS regeneration. Neuron, 111(18), 2881.

Danieli A, et al. (2023) Sequestration of translation initiation factors in p62 condensates. Cell reports, 42(12), 113583.

Patil S, et al. (2023) eIF4E phosphorylation recruits ?-catenin to mRNA cap and promotes Wnt pathway translation in dentate gyrus LTP maintenance. iScience, 26(5), 106649.

Fonteneau G, et al. (2022) Stress Granules Determine the Development of Obesity-Associated Pancreatic Cancer. Cancer discovery, 12(8), 1984.

Sun L, et al. (2021) The oncomicropeptide APPLE promotes hematopoietic malignancy by enhancing translation initiation. Molecular cell, 81(21), 4493.

Lopacinski AB, et al. (2021) Modeling the complete kinetics of coxsackievirus B3 reveals human determinants of host-cell feedback. Cell systems, 12(4), 304.

Chu J, et al. (2020) Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. Cell reports, 30(8), 2481.

Gonatopoulos-Pournatzis T, et al. (2020) Autism-Misregulated eIF4G Microexons Control Synaptic Translation and Higher Order Cognitive Functions. Molecular cell, 77(6), 1176.

Lo LH, et al. (2020) The Protein Arginine Methyltransferase PRMT8 and Substrate G3BP1 Control Rac1-PAK1 Signaling and Actin Cytoskeleton for Dendritic Spine Maturation. Cell reports, 31(10), 107744.

Boulias K, et al. (2019) Identification of the m6Am Methyltransferase PCIF1 Reveals the Location and Functions of m6Am in the Transcriptome. Molecular cell, 75(3), 631.

Mitchell DC, et al. (2019) Chemoproteomic Profiling Uncovers CDK4-Mediated Phosphorylation of the Translational Suppressor 4E-BP1. Cell chemical biology, 26(7), 980.

Rath S, et al. (2019) Concerted 2-5A-Mediated mRNA Decay and Transcription Reprogram Protein Synthesis in the dsRNA Response. Molecular cell, 75(6), 1218.

Staring J, et al. (2018) KREMEN1 Is a Host Entry Receptor for a Major Group of Enteroviruses. Cell host & microbe, 23(5), 636.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. Cancer cell, 33(3), 450.