

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

eIF4A1 Antibody

RRID:AB_823487

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2490, RRID:AB_823487

Antibody Information

URL: http://antibodyregistry.org/AB_823487

Proper Citation: Cell Signaling Technology Cat# 2490, RRID:AB_823487

Target Antigen: eIF4A1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10202209, AB_10831840, AB_823487.

Antibody Name: eIF4A1 Antibody

Description: This polyclonal targets eIF4A1

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_823487

Vendor: Cell Signaling Technology

Catalog Number: 2490

Record Creation Time: 20250820T062239+0000

Record Last Update: 20250820T235657+0000

Ratings and Alerts

No rating or validation information has been found for eIF4A1 Antibody.

No alerts have been found for eIF4A1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Ford PW, et al. (2025) RNF10 and ROK3 facilitate 40S ribosomal subunit degradation upon 60S biogenesis disruption or amino acid starvation. Cell reports, 44(3), 115371.

Dheeraj A, et al. (2024) Inhibition of protein translational machinery in triple-negative breast cancer as a promising therapeutic strategy. Cell reports. Medicine, 5(5), 101552.

Cao Y, et al. (2023) Enhanced bypass of PD-L1 translation reduces the therapeutic response to mTOR kinase inhibitors. Cell reports, 42(7), 112764.

Jin L, et al. (2023) Mechanism underlying follicular hyperproliferation and oncogenesis in hidradenitis suppurativa. iScience, 26(6), 106896.

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

Surani AA, et al. (2022) Implications of differential transcription start site selection on chronic myeloid leukemia and prostate cancer cell protein expression. iScience, 25(12), 105519.

Chen M, et al. (2021) Dual targeting of DDX3 and eIF4A by the translation inhibitor rocaglamide A. Cell chemical biology, 28(4), 475.

Cho S, et al. (2021) mTORC1 promotes cell growth via m6A-dependent mRNA degradation. Molecular cell, 81(10), 2064.

Feneberg E, et al. (2020) An ALS-linked mutation in TDP-43 disrupts normal protein interactions in the motor neuron response to oxidative stress. Neurobiology of disease, 144, 105050.

Iwasaki S, et al. (2019) The Translation Inhibitor Rocaglamide Targets a Bimolecular Cavity between eIF4A and Polypurine RNA. Molecular cell, 73(4), 738.

Padr??n A, et al. (2019) Proximity RNA Labeling by APEX-Seq Reveals the Organization of Translation Initiation Complexes and Repressive RNA Granules. Molecular cell, 75(4), 875.

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.