

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

## eIF4A1 Antibody

RRID:AB\_823487

Type: Antibody

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### Proper Citation

Cell Signaling Technology Cat# 2490, RRID:AB\_823487

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_823487](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

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### 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 [dkNET](#) .

Ford PW, et al. (2025) RNF10 and RIOK3 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.