

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Rabbit anti-ZAK Antibody, Affinity Purified

RRID:AB_1576612

Type: Antibody

Proper Citation

Bethyl Cat# A301-993A, RRID:AB_1576612

Antibody Information

URL: http://antibodyregistry.org/AB_1576612

Proper Citation: Bethyl Cat# A301-993A, RRID:AB_1576612

Target Antigen: ZAK

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP
Original Manufacturer

Antibody Name: Rabbit anti-ZAK Antibody, Affinity Purified

Description: This polyclonal targets ZAK

Target Organism: human

Antibody ID: AB_1576612

Vendor: Bethyl

Catalog Number: A301-993A

Alternative Catalog Numbers: A301-993A-M, A301-993A-T

Record Creation Time: 20250820T044112+0000

Record Last Update: 20250820T193935+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit anti-ZAK Antibody, Affinity Purified.

Warning: Discontinued at Thermo Fisher Scientific
Applications: WB, IP
Original Manufacturer

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Vind AC, et al. (2026) Mechanism of RACK1-dependent ZAK γ activation at stalled and collided ribosomes. *Molecular cell*, 86(12), 2341.

Luo Y, et al. (2026) mRNA 3' UTRs chaperone intrinsically disordered regions to control protein activity. *Cell*, 189(15), 4619.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Shrivastava A, et al. (2026) Mutant KRAS-driven selective mRNA translation reveals mechanisms and therapeutic vulnerabilities in cancer. *Cell reports*, 45(6), 117520.

Linder B, et al. (2025) tRNA modifications tune m6A-dependent mRNA decay. *Cell*, 188(14), 3715.

Vind AC, et al. (2024) The ribotoxic stress response drives acute inflammation, cell death, and epidermal thickening in UV-irradiated skin in vivo. *Molecular cell*, 84(24), 4774.

Karasik A, et al. (2024) Endonucleolytic RNA cleavage drives changes in gene expression during the innate immune response. *Cell reports*, 43(6), 114287.

Xi J, et al. (2024) Initiation of a ZAK γ -dependent ribotoxic stress response by the innate immunity endoribonuclease RNase L. *Cell reports*, 43(4), 113998.

Sinha NK, et al. (2024) The ribotoxic stress response drives UV-mediated cell death. *Cell*, 187(14), 3652.

Jenster LM, et al. (2023) P38 kinases mediate NLRP1 inflammasome activation after ribotoxic stress response and virus infection. *The Journal of experimental medicine*, 220(1).

Hsu JC, et al. (2022) Viperin triggers ribosome collision-dependent translation inhibition to restrict viral replication. *Molecular cell*, 82(9), 1631.

Snieckute G, et al. (2022) Ribosome stalling is a signal for metabolic regulation by the ribotoxic stress response. *Cell metabolism*, 34(12), 2036.

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

Vind AC, et al. (2020) ZAK? Recognizes Stalled Ribosomes through Partially Redundant Sensor Domains. *Molecular cell*, 78(4), 700.

Wu CC, et al. (2020) Ribosome Collisions Trigger General Stress Responses to Regulate Cell Fate. *Cell*, 182(2), 404.