

Resource Summary Report

Generated by NIF on Jul 29, 2026

PKR (B-10)

RRID:AB_628150

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-6282, RRID:AB_628150

Antibody Information

URL: http://antibodyregistry.org/AB_628150

Proper Citation: Santa Cruz Biotechnology Cat# sc-6282, RRID:AB_628150

Target Antigen: EIF2AK2

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence

Antibody Name: PKR (B-10)

Description: This monoclonal targets EIF2AK2

Target Organism: rat, mouse, human

Clone ID: B-10

Antibody ID: AB_628150

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-6282

Record Creation Time: 20250819T230202+0000

Record Last Update: 20250820T040456+0000

Ratings and Alerts

No rating or validation information has been found for PKR (B-10).

No alerts have been found for PKR (B-10).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Ma L, et al. (2025) Dual role of HO-1 in mediating antiviral immune responses and mitigating excessive inflammatory damage during influenza virus infection. *iScience*, 28(3), 112116.

Chang CF, et al. (2024) Brown adipose tissue CoQ deficiency activates the integrated stress response and FGF21-dependent mitohormesis. *The EMBO journal*, 43(2), 168.

Kim S, et al. (2024) RNA 5-methylcytosine marks mitochondrial double-stranded RNAs for degradation and cytosolic release. *Molecular cell*, 84(15), 2935.

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

Gan WL, et al. (2024) Hepatocyte-macrophage crosstalk via the PGRN-EGFR axis modulates ADAR1-mediated immunity in the liver. *Cell reports*, 43(7), 114400.

van Gemert F, et al. (2024) ADARp150 counteracts whole genome duplication. *Nucleic acids research*, 52(17), 10370.

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.

Nance KD, et al. (2022) Cytidine acetylation yields a hypoinflammatory synthetic messenger RNA. *Cell chemical biology*, 29(2), 312.

Karki R, et al. (2021) ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. *Cell reports*, 37(3), 109858.

Humeau J, et al. (2020) Phosphorylation of eukaryotic initiation factor-2? (eIF2?) in autophagy. *Cell death & disease*, 11(6), 433.

Deng Z, et al. (2020) Def6 regulates endogenous type-I interferon responses in osteoblasts and suppresses osteogenesis. *eLife*, 9.

Yu CH, et al. (2020) TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. *Cell*, 183(3), 636.

Pathak SS, et al. (2019) The eIF2 γ Kinase GCN2 Modulates Period and Rhythmicity of the Circadian Clock by Translational Control of Atf4. *Neuron*, 104(4), 724.

Hirata Y, et al. (2019) Inhibition of double-stranded RNA-dependent protein kinase prevents oxytosis and ferroptosis in mouse hippocampal HT22 cells. *Toxicology*, 418, 1.

Kim Y, et al. (2018) PKR Senses Nuclear and Mitochondrial Signals by Interacting with Endogenous Double-Stranded RNAs. *Molecular cell*, 71(6), 1051.