

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

Phospho-PKR (Thr451) Polyclonal Antibody

RRID:AB_2533716

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 44-668G, RRID:AB_2533716

Antibody Information

URL: http://antibodyregistry.org/AB_2533716

Proper Citation: Thermo Fisher Scientific Cat# 44-668G, RRID:AB_2533716

Target Antigen: Phospho-PKR (Thr451)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB (1:1,000), IHC (Assay-Dependent)

Antibody Name: Phospho-PKR (Thr451) Polyclonal Antibody

Description: This polyclonal targets Phospho-PKR (Thr451)

Target Organism: mouse, human

Defining Citation: [PMID:23056444](#), [PMID:21504114](#), [PMID:21955498](#), [PMID:17947465](#), [PMID:26873011](#)

Antibody ID: AB_2533716

Vendor: Thermo Fisher Scientific

Catalog Number: 44-668G

Record Creation Time: 20231110T035525+0000

Record Last Update: 20260829T061217+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PKR (Thr451) Polyclonal Antibody.

No alerts have been found for Phospho-PKR (Thr451) Polyclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Mu Y, et al. (2026) Mitochondrial dysfunction activates ADAMTS-5 expression via mt-dsRNA-PKR-Spi-1 axis in osteoarthritic chondrocytes. iScience, 29(6), 115980.

Baluapuri A, et al. (2025) Integrator loss leads to dsRNA formation that triggers the integrated stress response. Cell, 188(12), 3184.

Yang G, et al. (2025) HSPA8 dampens SCAP/INSIG split and SREBP activation by reducing PKR-mediated INSIG phosphorylation. Cell reports, 44(3), 115339.

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.

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.

Esteves P, et al. (2022) Asthmatic bronchial smooth muscle increases rhinovirus replication within the bronchial epithelium. Cell reports, 38(13), 110571.

Kim S, et al. (2022) Mitochondrial double-stranded RNAs govern the stress response in chondrocytes to promote osteoarthritis development. Cell reports, 40(6), 111178.