

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 17, 2025

Anti-rat IgG, HRP-linked Antibody

RRID:AB_10694715

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 7077, RRID:AB_10694715)

Antibody Information

URL: http://antibodyregistry.org/AB_10694715

Proper Citation: (Cell Signaling Technology Cat# 7077, RRID:AB_10694715)

Target Antigen: rat IgG HRP-linked

Host Organism: goat

Clonality: polyclonal

Comments: Applications: W
Consolidation 6/2023: AB_561114

Antibody Name: Anti-rat IgG, HRP-linked Antibody

Description: This polyclonal targets rat IgG HRP-linked

Defining Citation: [PMID:28575659](#)

Antibody ID: AB_10694715

Vendor: Cell Signaling Technology

Catalog Number: 7077

Alternative Catalog Numbers: 7077S

Record Creation Time: 20231110T070211+0000

Record Last Update: 20241115T010651+0000

Ratings and Alerts

No rating or validation information has been found for Anti-rat IgG, HRP-linked Antibody.

No alerts have been found for Anti-rat IgG, HRP-linked Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 72 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Gao M, et al. (2025) Induced neural stem cells regulate microglial activation through Akt-mediated upregulation of CXCR4 and Crry in a mouse model of closed head injury. Neural regeneration research, 20(5), 1416.

Walsh RM, et al. (2024) Generation of human cerebral organoids with a structured outer subventricular zone. Cell reports, 43(4), 114031.

Varadharajan V, et al. (2024) Membrane-bound O-acyltransferase 7 (MBOAT7) shapes lysosomal lipid homeostasis and function to control alcohol-associated liver injury. eLife, 12.

Francette AM, et al. (2024) Multiple direct and indirect roles of the Paf1 complex in transcription elongation, splicing, and histone modifications. Cell reports, 43(9), 114730.

Zhang L, et al. (2024) Tanshinone IIA reverses gefitinib resistance in EGFR-mutant lung cancer via inhibition of SREBP1-mediated lipogenesis. Phytotherapy research : PTR, 38(3), 1574.

Mubuchi A, et al. (2024) Assembly of neuron- and radial glial-cell-derived extracellular matrix molecules promotes radial migration of developing cortical neurons. eLife, 12.

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. Immunity, 57(9), 2043.

Sager RA, et al. (2024) SUMOylation of protein phosphatase 5 regulates phosphatase activity and substrate release. EMBO reports, 25(11), 4636.

Zeng Q, et al. (2024) Pib2 is a cysteine sensor involved in TORC1 activation in Saccharomyces cerevisiae. Cell reports, 43(1), 113599.

Pereira M, et al. (2024) Arachidonic acid inhibition of the NLRP3 inflammasome is a

mechanism to explain the anti-inflammatory effects of fasting. *Cell reports*, 43(2), 113700.

Szczesna M, et al. (2024) Bacterial esterases reverse lipopolysaccharide ubiquitylation to block host immunity. *Cell host & microbe*, 32(6), 913.

Sun X, et al. (2024) Deletion of the mRNA endonuclease Regnase-1 promotes NK cell anti-tumor activity via OCT2-dependent transcription of *lfrng*. *Immunity*, 57(6), 1360.

Peng Q, et al. (2024) Profiling nuclear cysteine ligandability and effects on nuclear localization using proximity labeling-coupled chemoproteomics. *Cell chemical biology*, 31(3), 550.

Zheng J, et al. (2024) Tumor mitochondrial oxidative phosphorylation stimulated by the nuclear receptor ROR γ represents an effective therapeutic opportunity in osteosarcoma. *Cell reports. Medicine*, 5(5), 101519.

Shen J, et al. (2024) Semaphorin3C identified as mediator of neuroinflammation and microglia polarization after spinal cord injury. *iScience*, 27(5), 109649.

Huang H, et al. (2023) Disruption of neuronal RHEB signaling impairs oligodendrocyte differentiation and myelination through mTORC1-DLK1 axis. *Cell reports*, 42(7), 112801.

Morishita K, et al. (2023) Sodium ion influx regulates liquidity of biomolecular condensates in hyperosmotic stress response. *Cell reports*, 42(4), 112315.

Kuramoto K, et al. (2023) Exercise-activated hepatic autophagy via the FN1- α 5 β 1 integrin pathway drives metabolic benefits of exercise. *Cell metabolism*, 35(4), 620.

Lin XT, et al. (2023) An optimized protocol to detect protein ubiquitination and activation by ubiquitination assay in vivo and CCK-8 assay. *STAR protocols*, 4(2), 102199.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. *Immunity*, 56(1), 58.