

Resource Summary Report

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Chicken anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

RRID:AB_2535875

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21472, RRID:AB_2535875)

Antibody Information

URL: http://antibodyregistry.org/AB_2535875

Proper Citation: (Thermo Fisher Scientific Cat# A-21472, RRID:AB_2535875)

Target Antigen: Rat IgG (H+L)

Host Organism: chicken

Clonality: polyclonal secondary

Comments: Applications: ICC/IF, IHC-P, WB

Antibody Name: Chicken anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

Description: This polyclonal secondary targets Rat IgG (H+L)

Target Organism: rat

Defining Citation: [PMID:11956231](#), [PMID:19907640](#), [PMID:18389078](#), [PMID:24403531](#), [PMID:26348897](#)

Antibody ID: AB_2535875

Vendor: Thermo Fisher Scientific

Catalog Number: A-21472

Record Creation Time: 20250722T074649+0000

Record Last Update: 20260225T225103+0000

Ratings and Alerts

No rating or validation information has been found for Chicken anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647.

No alerts have been found for Chicken anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Du S, et al. (2026) Brain-engrafted monocyte-derived macrophages from blood and skull-bone marrow exhibit distinct properties. *Neuron*, 114(11), 1986.

Alcaraz-Serna A, et al. (2026) Chimeric allergen receptor regulatory T cells suppress birch pollen allergic airway inflammation. *The Journal of experimental medicine*, 223(8).

Pirson S, et al. (2025) AXL promotes lymphangiogenesis by amplifying VEGF-C-mediated AKT pathway. *Cellular and molecular life sciences : CMLS*, 82(1), 95.

Lee JA, et al. (2025) Generation of two human induced pluripotent stem cell lines from patient-derived fibroblasts with severe congenital defects of the vertebrae and neural tube. *Stem cell research*, 88, 103837.

Lai W, et al. (2025) The knockout of Moesin leads to excess microglia-mediated synaptic pruning and impairs social novelty in a mouse model. *Cell reports*, 44(8), 116012.

Li H, et al. (2025) A complete model of mouse embryogenesis through organogenesis enabled by chemically induced embryo founder cells. *Cell*.

Chan FHM, et al. (2025) Plasticity of cell death pathways ensures GSDMD activation during *Yersinia pseudotuberculosis* infection. *Cell reports*, 44(1), 115216.

Zhang L, et al. (2024) Regulation of muscle hypertrophy through granulin: Relayed communication among mesenchymal progenitors, macrophages, and satellite cells. *Cell reports*, 43(4), 114052.

Takahashi J, et al. (2024) Differential squamous cell fates elicited by NRF2 gain of function versus KEAP1 loss of function. *Cell reports*, 43(4), 114104.

Morgner J, et al. (2023) A Lamb1Dendra2 mouse model identifies basement-membrane-producing origins and dynamics in PyMT breast tumors. *Developmental cell*, 58(7), 535.

Jing Y, et al. (2023) Inhibiting phosphatase and actin regulator 1 expression is neuroprotective in the context of traumatic brain injury. *Neural regeneration research*,

18(7), 1578.

Wu Z, et al. (2023) Pericyte stem cells induce Ly6G+ cell accumulation and immunotherapy resistance in pancreatic cancer. *EMBO reports*, 24(4), e56524.

Satoh AO, et al. (2023) Interaction between PI3K and the VDAC2 channel tethers Ras-PI3K-positive endosomes to mitochondria and promotes endosome maturation. *Cell reports*, 42(3), 112229.

Vidak S, et al. (2023) Activation of endoplasmic reticulum stress in premature aging via the inner nuclear membrane protein SUN2. *Cell reports*, 42(5), 112534.

Lipp SN, et al. (2023) FOXD1 is required for 3D patterning of the kidney interstitial matrix. *Developmental dynamics : an official publication of the American Association of Anatomists*, 252(4), 463.

Borges BC, et al. (2023) Loss of oligodendrocyte ErbB receptor signaling leads to hypomyelination, reduced density of parvalbumin-expressing interneurons, and inhibitory function in the auditory cortex. *Glia*, 71(2), 187.

Zhang X, et al. (2023) Harnessing matrix stiffness to engineer a bone marrow niche for hematopoietic stem cell rejuvenation. *Cell stem cell*, 30(4), 378.

Jentoft IMA, et al. (2023) Mammalian oocytes store proteins for the early embryo on cytoplasmic lattices. *Cell*, 186(24), 5308.

Vu AP, et al. (2023) Social isolation produces a sex- and brain region-specific alteration of microglia state. *The European journal of neuroscience*, 57(9), 1481.

Hou J, et al. (2023) Transcriptomic atlas and interaction networks of brain cells in mouse CNS demyelination and remyelination. *Cell reports*, 42(4), 112293.