

Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

Goat Anti-Guinea Pig IgG (H+L) Highly Cross-adsorbed Antibody, Alexa Fluor 647 Conjugated

RRID:AB_141882

Type: Antibody

Proper Citation

Molecular Probes Cat# A-21450, RRID:AB_141882

Antibody Information

URL: http://antibodyregistry.org/AB_141882

Proper Citation: Molecular Probes Cat# A-21450, RRID:AB_141882

Target Antigen: IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Discontinued; Applications: IHC (1-10 µg/mL), ICC/IF (1-10 µg/mL)
This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher
Consolidation on 11/2022: AB_141882, AB_2735091, AB_2535867, AB_10564076

Antibody Name: Goat Anti-Guinea Pig IgG (H+L) Highly Cross-adsorbed Antibody, Alexa Fluor 647 Conjugated

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

Target Organism: guinea pig

Antibody ID: AB_141882

Vendor: Molecular Probes

Catalog Number: A-21450

Alternative Catalog Numbers: A21450

Record Creation Time: 20250820T005104+0000

Record Last Update: 20250820T092153+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community.
Contact(s): Irina Kusmartseva, Farooq Syed, Mark Atkinson - Human Islets Research Network <https://hirnetwork.org/>

Warning: Discontinued at Molecular Probes

Discontinued; Applications: IHC (1-10 µg/mL), ICC/IF (1-10 µg/mL)

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Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 129 mentions in open access literature.

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

Le A, et al. (2025) High-content image-based pooled screens reveal regulators of synaptogenesis. *Cell reports*, 44(7), 115889.

Howden JH, et al. (2025) Hexokinase 2 interacts with PINK1 to facilitate mitophagy in astrocytes and restrain inflammation-induced neurotoxicity. *Cell reports*, 44(6), 115809.

Bessetti RN, et al. (2025) Sulforaphane protects developing neural networks from VPA-induced synaptic alterations. *Molecular psychiatry*, 30(9), 3868.

Estevez I, et al. (2025) The kinase RIPK3 promotes neuronal survival by suppressing excitatory neurotransmission during central nervous system viral infection. *Immunity*, 58(3), 666.

Magalhães J, et al. (2025) Rac1 inhibition prevents axonal cytoskeleton dysfunction in transthyretin amyloid polyneuropathy. *Cell reports*, 44(10), 116411.

Ramsaran AI, et al. (2025) A sensitive period for the development of episodic-like memory in mice. *Current biology : CB*, 35(9), 2032.

Park SJ, et al. (2025) The neurexin gene family regulates olfactory glomerular formation. *Cell reports*, 44(8), 116125.

Wang J, et al. (2025) Microglia-Mediated Synaptic Dysfunction Contributes to Chemotherapy-Related Cognitive Impairment. *Journal of neurochemistry*, 169(3), e70024.

Fernandez-Berrocal MS, et al. (2025) NEIL3 influences adult neurogenesis and behavioral pattern separation via WNT signaling. *Cellular and molecular life sciences : CMLS*, 82(1), 101.

Ruza RR, et al. (2025) A pivot-tether model for nucleosome recognition by the chromosomal passenger complex. *EMBO reports*, 26(17), 4219.

Starr AL, et al. (2025) Disentangling cell-intrinsic and cell-extrinsic factors underlying evolution. *Cell genomics*, 5(8), 100891.

Molinaro G, et al. (2024) Female-specific dysfunction of sensory neocortical circuits in a mouse model of autism mediated by mGluR5 and estrogen receptor ?. *Cell reports*, 43(4), 114056.

Ermini F, et al. (2024) Ultrastructural localization of *Porphyromonas gingivalis* gingipains in the substantia nigra of Parkinson's disease brains. *NPJ Parkinson's disease*, 10(1), 90.

Oya M, et al. (2024) Age-related ciliopathy: Obesogenic shortening of melanocortin-4 receptor-bearing neuronal primary cilia. *Cell metabolism*.

Hoyer MJ, et al. (2024) Combinatorial selective ER-phagy remodels the ER during neurogenesis. *Nature cell biology*, 26(3), 378.

Cuozzo F, et al. (2024) LDHB contributes to the regulation of lactate levels and basal insulin secretion in human pancreatic ? cells. *Cell reports*, 43(4), 114047.

Hedtfeld M, et al. (2024) A validation strategy to assess the role of phase separation as a determinant of macromolecular localization. *Molecular cell*, 84(9), 1783.

Mitchell KA, et al. (2024) The JNK and Hippo pathways control epithelial integrity and prevent tumor initiation by regulating an overlapping transcriptome. *Current biology : CB*, 34(17), 3966.

Benvie AM, et al. (2024) Platelet-derived growth factor receptor beta is required for embryonic specification and confinement of the adult white adipose lineage. *iScience*, 27(1), 108682.

Xue J, et al. (2024) Spatiotemporal Mapping and Molecular Basis of Whole-brain Circuit Maturation. *bioRxiv : the preprint server for biology*.