

# Resource Summary Report

Generated by [ASWG](#) on Aug 9, 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](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

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## 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](#)

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## Usage and Citation Metrics

We found 129 mentions in open access literature.

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

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.

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

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.

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

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

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

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.

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

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

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.

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.

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.

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.

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

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

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.

Ray A, et al. (2024) Early hippocampal hyperexcitability and synaptic reorganization in mouse models of amyloidosis. *iScience*, 27(9), 110629.