

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405)

RRID:AB_2827755

Type: Antibody

Proper Citation

Abcam Cat# ab175678, RRID:AB_2827755

Antibody Information

URL: http://antibodyregistry.org/AB_2827755

Proper Citation: Abcam Cat# ab175678, RRID:AB_2827755

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt

Antibody Name: Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405)

Description: This polyclonal targets IgG

Target Organism: guinea pig

Antibody ID: AB_2827755

Vendor: Abcam

Catalog Number: ab175678

Record Creation Time: 20250820T014854+0000

Record Last Update: 20250820T115550+0000

Ratings and Alerts

No rating or validation information has been found for Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405).

No alerts have been found for Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Jeans AF, et al. (2025) CaV2.1 mediates presynaptic dysfunction induced by amyloid ? oligomers. Cell reports, 44(4), 115451.

Zhdanova DY, et al. (2025) Effect of Small Extracellular Vesicles Produced by Mesenchymal Stem Cells on 5xFAD Mice Hippocampal Cultures. International journal of molecular sciences, 26(9).

Du L, et al. (2025) Mrgprb4-lineage neurons indispensable in pressure induced pleasant sensation are polymodal. iScience, 28(2), 111940.

Kohno K, et al. (2025) Interleukin-4 induces CD11c+ microglia leading to amelioration of neuropathic pain in mice. eLife, 14.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. Cell reports, 43(8), 114638.

Krüssel S, et al. (2024) H-Ras induces exuberant de novo dendritic protrusion growth in mature neurons regardless of cell type. iScience, 27(8), 110535.

Chen JJ, et al. (2024) Developmental transformation of Ca²⁺ channel-vesicle nanotopography at a central GABAergic synapse. Neuron, 112(5), 755.

Emperador-Melero J, et al. (2024) Distinct active zone protein machineries mediate Ca²⁺ channel clustering and vesicle priming at hippocampal synapses. Nature neuroscience, 27(9), 1680.

Hann SH, et al. (2024) Depletion of SMN protein in mesenchymal progenitors impairs the development of bone and neuromuscular junction in spinal muscular atrophy. eLife, 12.

Emperador-Melero J, et al. (2023) Molecular definition of distinct active zone protein machineries for Ca²⁺ channel clustering and synaptic vesicle priming. bioRxiv : the preprint server for biology.

Kleinjan MS, et al. (2023) Dually innervated dendritic spines develop in the absence of excitatory activity and resist plasticity through tonic inhibitory crosstalk. Neuron, 111(3), 362.

Shao Q, et al. (2023) ATF7IP2, a meiosis-specific partner of SETDB1, is required for proper chromosome remodeling and crossover formation during spermatogenesis. Cell reports, 42(8), 112953.

Grochowska KM, et al. (2023) Chaperone-mediated autophagy in neuronal dendrites utilizes activity-dependent lysosomal exocytosis for protein disposal. *Cell reports*, 42(8), 112998.

Vermeiren S, et al. (2023) Prdm12 represses the expression of the visceral neuron determinants Phox2a/b in developing somatosensory ganglia. *iScience*, 26(12), 108364.

Jiang Q, et al. (2022) Functional convergence of on-off direction-selective ganglion cells in the visual thalamus. *Current biology : CB*, 32(14), 3110.

Emperador-Melero J, et al. (2021) Intact synapse structure and function after combined knockout of PTP γ , PTP β , and LAR. *eLife*, 10.

Beed P, et al. (2020) Layer 3 Pyramidal Cells in the Medial Entorhinal Cortex Orchestrate Up-Down States and Entrain the Deep Layers Differentially. *Cell reports*, 33(10), 108470.