

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 13, 2025

## IRDye 680RD Donkey anti-Guinea Pig IgG

RRID:AB\_10956079

Type: Antibody

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### Proper Citation

(LI-COR Biosciences Cat# 926-68077, RRID:AB\_10956079)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10956079](http://antibodyregistry.org/AB_10956079)

**Proper Citation:** (LI-COR Biosciences Cat# 926-68077, RRID:AB\_10956079)

**Target Antigen:** IgG

**Host Organism:** donkey

**Clonality:** unknown

**Comments:** Applications: Western blotting

Info: Reacts with whole molecule guinea pig IgG, and with the light chains common to other guinea pig immunoglobulins.

**Antibody Name:** IRDye 680RD Donkey anti-Guinea Pig IgG

**Description:** This unknown targets IgG

**Target Organism:** guinea pig

**Antibody ID:** AB\_10956079

**Vendor:** LI-COR Biosciences

**Catalog Number:** 926-68077

**Record Creation Time:** 20231110T062923+0000

**Record Last Update:** 20241115T082552+0000

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## Ratings and Alerts

No rating or validation information has been found for IRDye 680RD Donkey anti-Guinea Pig IgG.

No alerts have been found for IRDye 680RD Donkey anti-Guinea Pig IgG.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Ji Y, et al. (2024) EHBP1 Is Critically Involved in the Dendritic Arbor Formation and Is Coupled to Factors Promoting Actin Filament Formation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(6).

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. *Cell reports*, 43(12), 115016.

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. *Cell reports*, 42(2), 112037.

Nguyen A, et al. (2023) Metamorphic proteins at the basis of human autophagy initiation and lipid transfer. *Molecular cell*, 83(12), 2077.

Mahoney-Crane CL, et al. (2023) Neuronopathic GBA1L444P Mutation Accelerates Glucosylsphingosine Levels and Formation of Hippocampal Alpha-Synuclein Inclusions. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(3), 501.

Upmanyu N, et al. (2022) Colocalization of different neurotransmitter transporters on synaptic vesicles is sparse except for VGLUT1 and ZnT3. *Neuron*, 110(9), 1483.

Tröger J, et al. (2022) Spinal cord synaptic plasticity by GlyR? release from receptor fields and syndapin I-dependent uptake. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(35), 6706.

Goldsmith J, et al. (2022) Brain-derived autophagosome profiling reveals the engulfment of nucleoid-enriched mitochondrial fragments by basal autophagy in neurons. *Neuron*, 110(6), 967.

Schlütermann D, et al. (2021) FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. *Scientific reports*, 11(1), 13863.

Hayn M, et al. (2021) Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. *Cell reports*, 35(7), 109126.

Izadi M, et al. (2021) Functional interdependence of the actin nucleator Cobl and Cobl-like in dendritic arbor development. *eLife*, 10.

Deitersen J, et al. (2021) High-throughput screening for natural compound-based autophagy modulators reveals novel chemotherapeutic mode of action for arzanol. *Cell death & disease*, 12(6), 560.

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. *Neuron*, 109(2), 299.

Nagai J, et al. (2019) Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. *Cell*, 177(5), 1280.

Hou W, et al. (2018) Arginine Methylation by PRMT2 Controls the Functions of the Actin Nucleator Cobl. *Developmental cell*, 45(2), 262.

Haag N, et al. (2018) The Actin Nucleator Cobl Is Critical for Centriolar Positioning, Postnatal Planar Cell Polarity Refinement, and Function of the Cochlea. *Cell reports*, 24(9), 2418.

Giaime E, et al. (2017) Age-Dependent Dopaminergic Neurodegeneration and Impairment of the Autophagy-Lysosomal Pathway in LRRK-Deficient Mice. *Neuron*, 96(4), 796.

Seemann E, et al. (2017) Deciphering caveolar functions by syndapin III KO-mediated impairment of caveolar invagination. *eLife*, 6.

Cox J, et al. (2014) Accurate proteome-wide label-free quantification by delayed normalization and maximal peptide ratio extraction, termed MaxLFQ. *Molecular & cellular proteomics : MCP*, 13(9), 2513.