

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

Guinea Pig Anti-p62 Protein (C) Polyclonal Antibody, Unconjugated

RRID:AB_1542690

Type: Antibody

Proper Citation

ARP American Research Products Cat# 03-GP62-C, RRID:AB_1542690

Antibody Information

URL: http://antibodyregistry.org/AB_1542690

Proper Citation: ARP American Research Products Cat# 03-GP62-C, RRID:AB_1542690

Target Antigen: Guinea Pig p62 Protein (C)

Host Organism: guinea pig

Clonality: polyclonal

Comments: functionality unknown, check validation data for this product with vendor

Antibody Name: Guinea Pig Anti-p62 Protein (C) Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Guinea Pig p62 Protein (C)

Antibody ID: AB_1542690

Vendor: ARP American Research Products

Catalog Number: 03-GP62-C

Record Creation Time: 20250819T205325+0000

Record Last Update: 20250819T210913+0000

Ratings and Alerts

No rating or validation information has been found for Guinea Pig Anti-p62 Protein (C) Polyclonal Antibody, Unconjugated.

No alerts have been found for Guinea Pig Anti-p62 Protein (C) Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Wong B, et al. (2026) Early-onset neuroinflammation drives neurodegeneration caused by lysosomal PI(3,5)P2 insufficiency. *Neurobiology of disease*, 226, 107467.

Walker WP, et al. (2025) Neuronal Deletion of Tumor Susceptibility Gene 101 (Tsg101) Causes Rapid Apoptotic Loss of Hippocampal CA3 Neurons. *Biomolecules*, 15(6).

Gallagher ER, et al. (2024) Lysosomal damage triggers a p38 MAPK-dependent phosphorylation cascade to promote lysophagy via the small heat shock protein HSP27. *Current biology : CB*, 34(24), 5739.

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.

Xu J, et al. (2023) Constitutively active autophagy in macrophages dampens inflammation through metabolic and post-transcriptional regulation of cytokine production. *Cell reports*, 42(7), 112708.

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.

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.

Dohmen M, et al. (2020) AMPK-dependent activation of the Cyclin Y/CDK16 complex controls autophagy. *Nature communications*, 11(1), 1032.

Khayati K, et al. (2020) Autophagy compensates for Lkb1 loss to maintain adult mice homeostasis and survival. *eLife*, 9.

Tang Z, et al. (2019) TOM40 Targets Atg2 to Mitochondria-Associated ER Membranes for Phagophore Expansion. *Cell reports*, 28(7), 1744.

Boudewyn LC, et al. (2019) Current concepts in the neuropathogenesis of mucopolipidosis type IV. *Journal of neurochemistry*, 148(5), 669.

Watanabe S, et al. (2018) Intracerebroventricular administration of Cystatin C ameliorates disease in SOD1-linked amyotrophic lateral sclerosis mice. *Journal of neurochemistry*, 145(1), 80.

Viana-Huete V, et al. (2018) Male Brown Fat-Specific Double Knockout of IGFIR/IR: Atrophy, Mitochondrial Fission Failure, Impaired Thermogenesis, and Obesity. *Endocrinology*, 159(1), 323.

Nikoletopoulou V, et al. (2017) Modulation of Autophagy by BDNF Underlies Synaptic Plasticity. *Cell metabolism*, 26(1), 230.

Tamada H, et al. (2017) Three-dimensional analysis of somatic mitochondrial dynamics in fission-deficient injured motor neurons using FIB/SEM. *The Journal of comparative neurology*, 525(11), 2535.

Kett LR, et al. (2015) α -Synuclein-independent histopathological and motor deficits in mice lacking the endolysosomal Parkinsonism protein Atp13a2. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 35(14), 5724.