

Resource Summary Report

Generated by NIF on Aug 3, 2026

Parkin Antibody

RRID:AB_10693040

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2132, RRID:AB_10693040

Antibody Information

URL: http://antibodyregistry.org/AB_10693040

Proper Citation: Cell Signaling Technology Cat# 2132, RRID:AB_10693040

Target Antigen: Parkin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10693040, AB_2159923.

Antibody Name: Parkin Antibody

Description: This polyclonal targets Parkin

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_10693040

Vendor: Cell Signaling Technology

Catalog Number: 2132

Record Creation Time: 20250820T060321+0000

Record Last Update: 20250820T231119+0000

Ratings and Alerts

No rating or validation information has been found for Parkin Antibody.

No alerts have been found for Parkin Antibody.

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](#) .

Basak B, et al. (2025) Mitochondrial damage triggers the concerted degradation of negative regulators of neuronal autophagy. *Nature communications*, 16(1), 7367.

Murakawa T, et al. (2024) AMPK regulates Bcl2-L-13-mediated mitophagy induction for cardioprotection. *Cell reports*, 43(12), 115001.

Mesquita PHC, et al. (2023) Resistance Training Diminishes Mitochondrial Adaptations to Subsequent Endurance Training. *bioRxiv : the preprint server for biology*.

Mesquita PHC, et al. (2023) Resistance training diminishes mitochondrial adaptations to subsequent endurance training in healthy untrained men. *The Journal of physiology*, 601(17), 3825.

Mesquita PHC, et al. (2022) Effects of aging and long-term physical activity on mitochondrial physiology and redox state of the cortex and cerebellum of female rats. *Physiological reports*, 10(24), e15542.

Panicker N, et al. (2022) Neuronal NLRP3 is a parkin substrate that drives neurodegeneration in Parkinson's disease. *Neuron*, 110(15), 2422.

Ponia SS, et al. (2021) Mitophagy antagonism by ZIKV reveals Ajuba as a regulator of PINK1 signaling, PKR-dependent inflammation, and viral invasion of tissues. *Cell reports*, 37(4), 109888.

Towers CG, et al. (2021) Mitochondrial-derived vesicles compensate for loss of LC3-mediated mitophagy. *Developmental cell*, 56(14), 2029.

Nichenko AS, et al. (2021) Lifelong Ulk1-Mediated Autophagy Deficiency in Muscle Induces Mitochondrial Dysfunction and Contractile Weakness. *International journal of molecular sciences*, 22(4).

Duan K, et al. (2021) Mitophagy in the basolateral amygdala mediates increased anxiety induced by aversive social experience. *Neuron*, 109(23), 3793.

Phu L, et al. (2020) Dynamic Regulation of Mitochondrial Import by the Ubiquitin System. *Molecular cell*, 77(5), 1107.

Mesquita PHC, et al. (2020) Acute and chronic effects of resistance training on skeletal muscle markers of mitochondrial remodeling in older adults. *Physiological reports*, 8(15), e14526.

Nichenko AS, et al. (2020) Mitochondrial-specific autophagy linked to mitochondrial dysfunction following traumatic freeze injury in mice. *American journal of physiology. Cell physiology*, 318(2), C242.

Princely Abudu Y, et al. (2019) NIPSNAP1 and NIPSNAP2 Act as "Eat Me" Signals for Mitophagy. *Developmental cell*, 49(4), 509.

Wall CE, et al. (2019) PPEF2 Opposes PINK1-Mediated Mitochondrial Quality Control by Dephosphorylating Ubiquitin. *Cell reports*, 29(10), 3280.

Ordureau A, et al. (2018) Dynamics of PARKIN-Dependent Mitochondrial Ubiquitylation in Induced Neurons and Model Systems Revealed by Digital Snapshot Proteomics. *Molecular cell*, 70(2), 211.