Resource Summary Report

Generated by NIF on Sep 12, 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: PARK2

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Parkin Antibody

Description: This polyclonal targets PARK2

Target Organism: rat, mouse, human

Antibody ID: AB_10693040

Vendor: Cell Signaling Technology

Catalog Number: 2132

Record Creation Time: 20231110T050045+0000

Record Last Update: 20260831T192059+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 17 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. Cell reports, 45(4), 117228.

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 in healthy untrained men. The Journal of physiology, 601(17), 3825.

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

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.

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

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).

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.

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

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

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

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.