Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

Parkin (PRK8)

RRID:AB_628104
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-32282, RRID:AB_628104)

Antibody Information

URL: http://antibodyregistry.org/AB_628104

Proper Citation: (Santa Cruz Biotechnology Cat# sc-32282, RRID:AB_628104)

Target Antigen: PARK2

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Flow Cytometry; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry

Antibody Name: Parkin (PRK8)

Description: This monoclonal targets PARK2

Target Organism: mouse, human

Clone ID: PRK8

Antibody ID: AB_628104

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-32282

Record Creation Time: 20231110T043808+0000

Record Last Update: 20241115T041500+0000

Ratings and Alerts

No rating or validation information has been found for Parkin (PRK8).

No alerts have been found for Parkin (PRK8).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

O'Sell J, et al. (2024) Disruption of perinatal myeloid niches impacts the aging clock of pancreatic ? cells. iScience, 27(9), 110644.

Affortit C, et al. (2024) The human OPA1delTTAG mutation induces adult onset and progressive auditory neuropathy in mice. Cellular and molecular life sciences : CMLS, 81(1), 80.

Akabane S, et al. (2023) TIM23 facilitates PINK1 activation by safeguarding against OMA1-mediated degradation in damaged mitochondria. Cell reports, 42(5), 112454.

Song P, et al. (2023) Parkinson's disease-linked parkin mutation disrupts recycling of synaptic vesicles in human dopaminergic neurons. Neuron, 111(23), 3775.

Hayashida R, et al. (2023) Elucidation of ubiquitin-conjugating enzymes that interact with RBR-type ubiquitin ligases using a liquid-liquid phase separation-based method. The Journal of biological chemistry, 299(2), 102822.

Suh J, et al. (2023) Mitochondrial fragmentation and donut formation enhance mitochondrial secretion to promote osteogenesis. Cell metabolism, 35(2), 345.

Oleinik N, et al. (2023) Alterations of lipid-mediated mitophagy result in aging-dependent sensorimotor defects. Aging cell, 22(10), e13954.

Nguyen TN, et al. (2023) Unconventional initiation of PINK1/Parkin mitophagy by Optineurin. Molecular cell, 83(10), 1693.

Chen CX, et al. (2022) Generation of homozygous PRKN, PINK1 and double PINK1/PRKN knockout cell lines from healthy induced pluripotent stem cells using CRISPR/Cas9 editing. Stem cell research, 62, 102806.

Denk D, et al. (2022) Expansion of T memory stem cells with superior anti-tumor immunity by

Urolithin A-induced mitophagy. Immunity, 55(11), 2059.

Saha B, et al. (2022) Interactomic analysis reveals a homeostatic role for the HIV restriction factor TRIM5? in mitophagy. Cell reports, 39(6), 110797.

Inoue R, et al. (2022) Uncoupling protein 2 and aldolase B impact insulin release by modulating mitochondrial function and Ca2+ release from the ER. iScience, 25(7), 104603.

Affortit C, et al. (2022) A disease-associated mutation in thyroid hormone receptor ?1 causes hearing loss and sensory hair cell patterning defects in mice. Science signaling, 15(738), eabj4583.

Nguyen TN, et al. (2021) ATG4 family proteins drive phagophore growth independently of the LC3/GABARAP lipidation system. Molecular cell, 81(9), 2013.

Roverato ND, et al. (2021) Parkin is an E3 ligase for the ubiquitin-like modifier FAT10, which inhibits Parkin activation and mitophagy. Cell reports, 34(11), 108857.

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.

Yang M, et al. (2021) Deletion of the E3 ubiquitin ligase, Parkin, exacerbates chronic alcohol intake-induced cardiomyopathy through an Ambra1-dependent mechanism. British journal of pharmacology, 178(4), 964.

Suliman H, et al. (2021) Annexin A1 Tripeptide Mimetic Increases Sirtuin-3 and Augments Mitochondrial Function to Limit Ischemic Kidney Injury. Frontiers in physiology, 12, 683098.

Ordureau A, et al. (2021) Temporal proteomics during neurogenesis reveals large-scale proteome and organelle remodeling via selective autophagy. Molecular cell, 81(24), 5082.

Sung JS, et al. (2020) ITGB4-mediated metabolic reprogramming of cancer-associated fibroblasts. Oncogene, 39(3), 664.