

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Recombinant Anti-RAB10 (phospho T73) antibody [MJF-R21]

RRID:AB_2811274

Type: Antibody

Proper Citation

Abcam Cat# ab230261, RRID:AB_2811274

Antibody Information

URL: http://antibodyregistry.org/AB_2811274

Proper Citation: Abcam Cat# ab230261, RRID:AB_2811274

Target Antigen: RAB10 (phospho T73)

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: WB, Dot blot

Antibody Name: Recombinant Anti-RAB10 (phospho T73) antibody [MJF-R21]

Description: This recombinant targets RAB10 (phospho T73)

Target Organism: mouse, human

Antibody ID: AB_2811274

Vendor: Abcam

Catalog Number: ab230261

Record Creation Time: 20231110T032641+0000

Record Last Update: 20260901T013204+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-RAB10 (phospho T73) antibody [MJF-R21].

No alerts have been found for Recombinant Anti-RAB10 (phospho T73) antibody [MJF-R21].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Fricke M, et al. (2026) Knockout of the LRRK2-counteracting RAB phosphatase PPM1H disrupts axonal autophagy and exacerbates alpha-synuclein aggregation. Cell reports, 45(6), 117364.

Qin Y, et al. (2026) Targeting leucine-rich repeat kinase 2 overcomes resistance to oncolytic herpes simplex virus-based therapies in glioblastoma. Nature communications, 17(1).

Adhikari A, et al. (2025) End-product inhibition of the LRRK2-counteracting PPM1H phosphatase. bioRxiv : the preprint server for biology.

Chiang CY, et al. (2025) PPM1M, a LRRK2-counteracting, phosphoRab12-preferring phosphatase with potential link to Parkinson's disease. bioRxiv : the preprint server for biology.

Chiang CY, et al. (2025) PPM1M, an LRRK2-counteracting, phosphoRab12-preferring phosphatase with a potential link to Parkinson's disease. Cell reports, 44(8), 116031.

Adhikari A, et al. (2025) Allosteric regulation of the Golgi-localized PPM1H phosphatase by Rab GTPases modulates LRRK2 substrate dephosphorylation in Parkinson's disease. The Journal of biological chemistry, 110679.

Abe T, et al. (2024) Lysosomal stress drives the release of pathogenic α -synuclein from macrophage lineage cells via the LRRK2-Rab10 pathway. iScience, 27(2), 108893.

Pattanayak R, et al. (2024) 14-3-3 phosphorylation inhibits 14-3-3's ability to regulate LRRK2 kinase activity and toxicity. Human molecular genetics, 33(23), 2071.

Dhekne HS, et al. (2023) Genome-wide screen reveals Rab12 GTPase as a critical activator of Parkinson's disease-linked LRRK2 kinase. eLife, 12.

Cross J, et al. (2023) Lysosome damage triggers direct ATG8 conjugation and ATG2 engagement via non-canonical autophagy. The Journal of cell biology, 222(12).

Dou D, et al. (2023) Regulatory imbalance between LRRK2 kinase, PPM1H phosphatase, and ARF6 GTPase disrupts the axonal transport of autophagosomes. Cell reports, 42(5), 112448.

Malik AU, et al. (2022) PKC isoforms activate LRRK1 kinase by phosphorylating conserved residues (Ser1064, Ser1074 and Thr1075) within the CORB GTPase domain. The Biochemical journal, 479(18), 1941.

Vides EG, et al. (2022) A feed-forward pathway drives LRRK2 kinase membrane recruitment and activation. eLife, 11.

Kalogeropoulou AF, et al. (2022) Impact of 100 LRRK2 variants linked to Parkinson's disease on kinase activity and microtubule binding. The Biochemical journal, 479(17), 1759.

Xenias HS, et al. (2022) R1441C and G2019S LRRK2 knockin mice have distinct striatal molecular, physiological, and behavioral alterations. Communications biology, 5(1), 1211.

Kedariti M, et al. (2022) LRRK2 kinase activity regulates GCase level and enzymatic activity differently depending on cell type in Parkinson's disease. NPJ Parkinson's disease, 8(1), 92.

Fdez E, et al. (2022) Pathogenic LRRK2 regulates centrosome cohesion via Rab10/RILPL1-mediated CDK5RAP2 displacement. iScience, 25(6), 104476.

Snead DM, et al. (2022) Structural basis for Parkinson's disease-linked LRRK2's binding to microtubules. Nature structural & molecular biology, 29(12), 1196.

Boecker CA, et al. (2021) Increased LRRK2 kinase activity alters neuronal autophagy by disrupting the axonal transport of autophagosomes. Current biology : CB, 31(10), 2140.

Chen C, et al. (2020) Pathway-specific dysregulation of striatal excitatory synapses by LRRK2 mutations. eLife, 9.