

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Recombinant Anti-RAB12 (phospho S106) antibody [MJF-R25-9]

RRID:AB_2884880

Type: Antibody

Proper Citation

Abcam Cat# ab256487, RRID:AB_2884880

Antibody Information

URL: http://antibodyregistry.org/AB_2884880

Proper Citation: Abcam Cat# ab256487, RRID:AB_2884880

Target Antigen: RAB12 (phospho S106)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: Dot blot, WB

Antibody Name: Recombinant Anti-RAB12 (phospho S106) antibody [MJF-R25-9]

Description: This monoclonal targets RAB12 (phospho S106)

Target Organism: mouse, human

Clone ID: MJF-R25-9

Antibody ID: AB_2884880

Vendor: Abcam

Catalog Number: ab256487

Record Creation Time: 20231110T031739+0000

Record Last Update: 20260830T023133+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-RAB12 (phospho S106) antibody [MJF-R25-9].

No alerts have been found for Recombinant Anti-RAB12 (phospho S106) antibody [MJF-R25-9].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 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).

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.

Chen C, et al. (2025) Leucine-rich repeat kinase 2 impairs the release sites of Parkinson's disease vulnerable dopamine axons. 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.

Wang X, et al. (2023) Rab12 is a regulator of LRRK2 and its activation by damaged lysosomes. eLife, 12.

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

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.

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.