

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Optineurin antibody

RRID:AB_447598

Type: Antibody

Proper Citation

Abcam Cat# ab23666, RRID:AB_447598

Antibody Information

URL: http://antibodyregistry.org/AB_447598

Proper Citation: Abcam Cat# ab23666, RRID:AB_447598

Target Antigen: Optineurin

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:
Western Blot; Western Blot

Antibody Name: Optineurin antibody

Description: This polyclonal targets Optineurin

Target Organism: rat, mouse, human

Antibody ID: AB_447598

Vendor: Abcam

Catalog Number: ab23666

Record Creation Time: 20231110T044451+0000

Record Last Update: 20260829T040605+0000

Ratings and Alerts

No rating or validation information has been found for Optineurin antibody.

No alerts have been found for Optineurin antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Li H, et al. (2025) PEX14 acts as a molecular link between optineurin and the autophagic machinery to induce pexophagy. The Journal of cell biology, 224(11).

Abudu YP, et al. (2024) MORG1 limits mTORC1 signaling by inhibiting Rag GTPases. Molecular cell, 84(3), 552.

Kelly G, et al. (2024) Suppressed basal mitophagy drives cellular aging phenotypes that can be reversed by a p62-targeting small molecule. Developmental cell, 59(15), 1924.

libushi J, et al. (2024) ATG9B regulates bacterial internalization via actin rearrangement. iScience, 27(5), 109623.

Jun YW, et al. (2023) Non-muscle MYH10/myosin IIB recruits ESCRT-III to participate in autophagosome closure to maintain neuronal homeostasis. Autophagy, 19(7), 2045.

Tumurbaatar B, et al. (2023) Preserved autophagy in cognitively intact non-demented individuals with Alzheimer's neuropathology. Alzheimer's & dementia : the journal of the Alzheimer's Association.

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. Cell reports, 42(2), 112037.

Goldsmith J, et al. (2022) Brain-derived autophagosome profiling reveals the engulfment of nucleoid-enriched mitochondrial fragments by basal autophagy in neurons. Neuron, 110(6), 967.

Fox LM, et al. (2020) Huntington's Disease Pathogenesis Is Modified In Vivo by Alfy/Wdfy3 and Selective Macroautophagy. Neuron, 105(5), 813.

Marsh T, et al. (2020) Autophagic Degradation of NBR1 Restricts Metastatic Outgrowth during Mammary Tumor Progression. Developmental cell, 52(5), 591.

Gerbino V, et al. (2020) The Loss of TBK1 Kinase Activity in Motor Neurons or in All Cell Types Differentially Impacts ALS Disease Progression in SOD1 Mice. Neuron, 106(5), 789.

Rawat P, et al. (2019) Human immunodeficiency virus Type-1 single-stranded RNA activates the NLRP3 inflammasome and impairs autophagic clearance of damaged mitochondria in human microglia. Glia, 67(5), 802.

Song GJ, et al. (2018) Interaction between optineurin and Rab1a regulates autophagosome formation in neuroblastoma cells. *Journal of neuroscience research*, 96(3), 407.

Wu Z, et al. (2018) Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. *Cell metabolism*, 28(1), 130.

Pourcelot M, et al. (2016) The Golgi apparatus acts as a platform for TBK1 activation after viral RNA sensing. *BMC biology*, 14, 69.