

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

Anti-Alpha-synuclein (phospho S129) antibody

RRID:AB_2728613

Type: Antibody

Proper Citation

Abcam Cat# ab168381, RRID:AB_2728613

Antibody Information

URL: http://antibodyregistry.org/AB_2728613

Proper Citation: Abcam Cat# ab168381, RRID:AB_2728613

Target Antigen: alpha Synuclein phosphorylated on Ser129

Host Organism: rabbit

Clonality: monoclonal

Comments: Suitable for: WB

Antibody Name: Anti-Alpha-synuclein (phospho S129) antibody

Description: This monoclonal targets alpha Synuclein phosphorylated on Ser129

Target Organism: human

Clone ID: MJF-R13 (8-8)

Antibody ID: AB_2728613

Vendor: Abcam

Catalog Number: ab168381

Record Creation Time: 20250820T064231+0000

Record Last Update: 20250821T004458+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Alpha-synuclein (phospho S129) antibody.

No alerts have been found for Anti-Alpha-synuclein (phospho S129) 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](#) .

Wang HL, et al. (2026) Loss-of-Function (G603R) Lrp10 Fails to Downregulate mRNA of Pathologic α -Synuclein and Causes Neurodegeneration of Substantia Nigra Dopaminergic Cells in Parkinson's Disease Knockin Mice. *Neurochemical research*, 51(3).

Eubanks E, et al. (2025) Increased burden of rare risk variants across gene expression networks predisposes to sporadic Parkinson's disease. *Cell reports*, 44(5), 115636.

Liao SC, et al. (2025) CHCHD2 mutant mice link mitochondrial deficits to PD pathophysiology. *Science advances*, 11(46), eadu0726.

Fischer DL, et al. (2025) Distinct subcellular localization of tau and alpha-synuclein in lewy body disease. *Acta neuropathologica communications*, 13(1), 14.

Sung CC, et al. (2024) The role of polo-like kinases 2 in the proteasomal and lysosomal degradation of alpha-synuclein in neurons. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(20), e70121.

Lee B, et al. (2024) SARS-CoV-2 infection exacerbates the cellular pathology of Parkinson's disease in human dopaminergic neurons and a mouse model. *Cell reports. Medicine*, 5(5), 101570.

Li J, et al. (2024) The role of age-associated alpha-synuclein aggregation in a conditional transgenic mouse model of Parkinson's disease: Implications for Lewy body formation. *Journal of neurochemistry*, 168(7), 1215.

Lackie RE, et al. (2022) Stress-inducible phosphoprotein 1 (HOP/STI1/STIP1) regulates the accumulation and toxicity of α -synuclein in vivo. *Acta neuropathologica*, 144(5), 881.

Izco M, et al. (2021) Glial activation precedes alpha-synuclein pathology in a mouse model of Parkinson's disease. *Neuroscience research*, 170, 330.

Seo BA, et al. (2021) TRIP12 ubiquitination of glucocerebrosidase contributes to neurodegeneration in Parkinson's disease. *Neuron*, 109(23), 3758.

Zhu G, et al. (2020) TRIM11 Prevents and Reverses Protein Aggregation and Rescues a Mouse Model of Parkinson's Disease. *Cell reports*, 33(9), 108418.

Henderson MX, et al. (2020) Glucocerebrosidase Activity Modulates Neuronal Susceptibility to Pathological α -Synuclein Insult. *Neuron*, 105(5), 822.

Bassil F, et al. (2020) Amyloid-Beta (A β) Plaques Promote Seeding and Spreading of Alpha-Synuclein and Tau in a Mouse Model of Lewy Body Disorders with A β Pathology. *Neuron*, 105(2), 260.

Fanning S, et al. (2019) Lipidomic Analysis of α -Synuclein Neurotoxicity Identifies Stearoyl CoA Desaturase as a Target for Parkinson Treatment. *Molecular cell*, 73(5), 1001.

Kim S, et al. (2019) Transneuronal Propagation of Pathologic α -Synuclein from the Gut to the Brain Models Parkinson's Disease. *Neuron*, 103(4), 627.

Henderson MX, et al. (2018) LRRK2 activity does not dramatically alter α -synuclein pathology in primary neurons. *Acta neuropathologica communications*, 6(1), 45.

Delic V, et al. (2018) Sensitivity and specificity of phospho-Ser129 α -synuclein monoclonal antibodies. *The Journal of comparative neurology*, 526(12), 1978.