

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Purified anti-?-Synuclein Phospho (Ser129)

RRID:AB_2564891

Type: Antibody

Proper Citation

BioLegend Cat# 825701, RRID:AB_2564891

Antibody Information

URL: http://antibodyregistry.org/AB_2564891

Proper Citation: BioLegend Cat# 825701, RRID:AB_2564891

Target Antigen: alpha-Synuclein Phospho Ser129

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IHC-P, ICC, IHC-F, WB, SB

Antibody Name: Purified anti-?-Synuclein Phospho (Ser129)

Description: This monoclonal targets alpha-Synuclein Phospho Ser129

Target Organism: human

Clone ID: Clone P-syn/81A

Antibody ID: AB_2564891

Vendor: BioLegend

Catalog Number: 825701

Alternative Catalog Numbers: 825702

Record Creation Time: 20250820T000249+0000

Record Last Update: 20250820T071235+0000

Ratings and Alerts

No rating or validation information has been found for Purified anti-?-Synuclein Phospho (Ser129).

No alerts have been found for Purified anti-?-Synuclein Phospho (Ser129).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

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.

Gong F, et al. (2026) Calcium overload induced mitochondrial and lysosomal dysfunction is regulated by Tousled-like kinase in a-synucleinopathy. Cell death & disease, 17(1), 10.

Yang L, et al. (2024) SARS-CoV-2 infection causes dopaminergic neuron senescence. Cell stem cell, 31(2), 196.

Shin JY, et al. (2024) Dual inhibition of aminoacyl-tRNA synthetase interacting multifunctional protein-2 and ?-synuclein by steroid derivative is neuroprotective in Parkinson's model. iScience, 27(11), 111165.

Scheiblich H, et al. (2024) Microglia rescue neurons from aggregate-induced neuronal dysfunction and death through tunneling nanotubes. Neuron, 112(18), 3106.

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.

Kim MS, et al. (2023) Advanced human iPSC-based preclinical model for Parkinson's disease with optogenetic alpha-synuclein aggregation. Cell stem cell, 30(7), 973.

Guo Q, et al. (2023) ?-Synuclein decoy peptide protects mice against ?-synuclein-induced memory loss. CNS neuroscience & therapeutics, 29(6), 1547.

Ra EA, et al. (2023) Optogenetic induction of alpha-synuclein aggregation in human dopaminergic neurons to model Parkinson's disease pathology. STAR protocols, 4(4), 102609.

Park H, et al. (2022) PAAN/MIF nuclease inhibition prevents neurodegeneration in Parkinson's disease. Cell, 185(11), 1943.

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.

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.

Grovesman BR, et al. (2018) Rapid and ultra-sensitive quantitation of disease-associated α -synuclein seeds in brain and cerebrospinal fluid by α -Syn RT-QuIC. *Acta neuropathologica communications*, 6(1), 7.

Cai W, et al. (2018) Bimolecular Fluorescence Complementation of Alpha-synuclein Demonstrates its Oligomerization with Dopaminergic Phenotype in Mice. *EBioMedicine*, 29, 13.

Adamowicz DH, et al. (2017) Hippocampal α -Synuclein in Dementia with Lewy Bodies Contributes to Memory Impairment and Is Consistent with Spread of Pathology. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(7), 1675.

Bottani E, et al. (2017) TTC19 Plays a Housekeeping Role on UQCRC1 Turnover in the Biogenesis of Mitochondrial Respiratory Complex III. *Molecular cell*, 67(1), 96.

Sampson TR, et al. (2016) Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinson's Disease. *Cell*, 167(6), 1469.