# Resource Summary Report

Generated by dkNET on Sep 3, 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:** 20231110T035205+0000

**Record Last Update:** 20260829T201545+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 dkNET .


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.

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.

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

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 ?-Synuclein from the Gut to the Brain Models Parkinson's Disease. Neuron, 103(4), 627.

Groveman BR, et al. (2018) Rapid and ultra-sensitive quantitation of disease-associated ?-synuclein seeds in brain and cerebrospinal fluid by ?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 ?-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 Husbandry Role on UQCRFS1 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.