

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Anti-Aggregated a-Synuclein Antibody

RRID:AB_2716647

Type: Antibody

Proper Citation

Millipore Cat# MABN389, RRID:AB_2716647

Antibody Information

URL: http://antibodyregistry.org/AB_2716647

Proper Citation: Millipore Cat# MABN389, RRID:AB_2716647

Target Antigen: Aggregated a-Synuclein.

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: western blotting, IHC & ELISA

Antibody Name: Anti-Aggregated a-Synuclein Antibody

Description: This monoclonal targets Aggregated a-Synuclein.

Target Organism: human

Clone ID: 5G4

Defining Citation: [PMID:22370907](#)

Antibody ID: AB_2716647

Vendor: Millipore

Catalog Number: MABN389

Record Creation Time: 20250819T230334+0000

Record Last Update: 20250820T040927+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Aggregated α -Synuclein Antibody.

No alerts have been found for Anti-Aggregated α -Synuclein Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Taguchi K, et al. (2025) SENP2-based N-terminal truncation of α -synuclein in Lewy pathology propagation. *iScience*, 28(2), 111935.

Yan S, et al. (2025) Single extracellular vesicle detection assay identifies membrane-associated α -synuclein as an early-stage biomarker in Parkinson's disease. *Cell reports. Medicine*, 6(3), 101999.

Kivistö V, et al. (2025) Myocardial sympathetic distal axon loss in subjects with Lewy pathology in three autopsy cohorts. *Acta neuropathologica*, 150(1), 11.

Xiang J, et al. (2024) Gut-induced α -Synuclein and Tau propagation initiate Parkinson's and Alzheimer's disease co-pathology and behavior impairments. *Neuron*, 112(21), 3585.

Xiang J, et al. (2023) Development of an α -synuclein positron emission tomography tracer for imaging synucleinopathies. *Cell*, 186(16), 3350.

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

Olsen AL, et al. (2023) Nicotine-Mediated Rescue of α -Synuclein Toxicity Requires Synaptic Vesicle Glycoprotein 2 in *Drosophila*. *Movement disorders : official journal of the Movement Disorder Society*, 38(2), 244.

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

Xiang J, et al. (2023) Protocol for screening α -synuclein PET tracer candidates in vitro and ex vivo. *STAR protocols*, 5(1), 102788.

Szegő ÉM, et al. (2019) Cytosolic Trapping of a Mitochondrial Heat Shock Protein Is an Early Pathological Event in Synucleinopathies. *Cell reports*, 28(1), 65.

Kiechle M, et al. (2019) In Vivo Protein Complementation Demonstrates Presynaptic α -Synuclein Oligomerization and Age-Dependent Accumulation of 8-16-mer Oligomer Species. *Cell reports*, 29(9), 2862.

Ordonez DG, et al. (2018) α -synuclein Induces Mitochondrial Dysfunction through Spectrin and the Actin Cytoskeleton. *Neuron*, 97(1), 108.