

Resource Summary Report

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alpha-synuclein (C-20)-R

RRID:AB_2192953

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-7011-R, RRID:AB_2192953

Antibody Information

URL: http://antibodyregistry.org/AB_2192953

Proper Citation: Santa Cruz Biotechnology Cat# sc-7011-R, RRID:AB_2192953

Target Antigen: SNCA

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: alpha-synuclein (C-20)-R

Description: This polyclonal targets SNCA

Target Organism: rat, mouse, human

Clone ID: C-20

Antibody ID: AB_2192953

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-7011-R

Record Creation Time: 20250819T231035+0000

Record Last Update: 20250820T043118+0000

Ratings and Alerts

No rating or validation information has been found for alpha-synuclein (C-20)-R.

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 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.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. *Neuron*, 112(15), 2558.

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.

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.

Brontesi L, et al. (2023) The effects of KTKEGV repeat motif and intervening ATVA sequence on α -synuclein solubility and assembly. *Journal of neurochemistry*, 165(2), 246.

Stojkovska I, et al. (2022) Rescue of α -synuclein aggregation in Parkinson's patient neurons by synergistic enhancement of ER proteostasis and protein trafficking. *Neuron*, 110(3), 436.

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

Stojkovska I, et al. (2021) Detection of pathological alpha-synuclein aggregates in human iPSC-derived neurons and tissue. *STAR protocols*, 2(1), 100372.

Samantha Sykioti V, et al. (2021) Deficiency of the serine peptidase Kallikrein 6 does not affect the levels and the pathological accumulation of α -synuclein in mouse brain. *Journal of neurochemistry*, 157(6), 2024.

Vázquez-Vélez GE, et al. (2020) Doublecortin-like Kinase 1 Regulates α -Synuclein Levels and Toxicity. *The Journal of neuroscience : the official journal of the Society for*

Neuroscience, 40(2), 459.

Xylaki M, et al. (2020) Changes in the cellular fatty acid profile drive the proteasomal degradation of α -synuclein and enhance neuronal survival. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 34(11), 15123.

Prigent A, et al. (2019) Acute inflammation down-regulates alpha-synuclein expression in enteric neurons. *Journal of neurochemistry*, 148(6), 746.

Hesse R, et al. (2019) Comparative profiling of the synaptic proteome from Alzheimer's disease patients with focus on the APOE genotype. *Acta neuropathologica communications*, 7(1), 214.

Zunke F, et al. (2018) Reversible Conformational Conversion of α -Synuclein into Toxic Assemblies by Glucosylceramide. *Neuron*, 97(1), 92.

Xiao Y, et al. (2018) Iron promotes α -synuclein aggregation and transmission by inhibiting TFEB-mediated autophagosome-lysosome fusion. *Journal of neurochemistry*, 145(1), 34.

Sargent D, et al. (2017) 'Prion-like' propagation of the synucleinopathy of M83 transgenic mice depends on the mouse genotype and type of inoculum. *Journal of neurochemistry*, 143(1), 126.

Desmet AS, et al. (2017) Live calcium and mitochondrial imaging in the enteric nervous system of Parkinson patients and controls. *eLife*, 6.

Giaime E, et al. (2017) Age-Dependent Dopaminergic Neurodegeneration and Impairment of the Autophagy-Lysosomal Pathway in LRRK-Deficient Mice. *Neuron*, 96(4), 796.

Eguchi K, et al. (2017) Wild-Type Monomeric α -Synuclein Can Impair Vesicle Endocytosis and Synaptic Fidelity via Tubulin Polymerization at the Calyx of Held. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(25), 6043.

Taguchi K, et al. (2016) Brain region-dependent differential expression of alpha-synuclein. *The Journal of comparative neurology*, 524(6), 1236.