Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 3, 2025

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: 20231110T043729+0000

Record Last Update: 20241115T024351+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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 ?-synuclein solubility and assembly. Journal of neurochemistry, 165(2), 246.

Stojkovska I, et al. (2022) Rescue of ?-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.

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

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

Xylaki M, et al. (2020) Changes in the cellular fatty acid profile drive the proteasomal

degradation of ?-synuclein and enhance neuronal survival. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(11), 15123.

Vázquez-Vélez GE, et al. (2020) Doublecortin-like Kinase 1 Regulates ?-Synuclein Levels and Toxicity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(2), 459.

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 ?-Synuclein into Toxic Assemblies by Glucosylceramide. Neuron, 97(1), 92.

Xiao Y, et al. (2018) Iron promotes ?-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.

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

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

Eguchi K, et al. (2017) Wild-Type Monomeric ?-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.

Kett LR, et al. (2015) ?-Synuclein-independent histopathological and motor deficits in mice lacking the endolysosomal Parkinsonism protein Atp13a2. The Journal of neuroscience : the official journal of the Society for Neuroscience, 35(14), 5724.