Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

alpha-Synuclein (D37A6) XP Rabbit mAb

RRID:AB_1904156
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4179, RRID:AB_1904156)

Antibody Information

URL: http://antibodyregistry.org/AB_1904156

Proper Citation: (Cell Signaling Technology Cat# 4179, RRID:AB_1904156)

Target Antigen: alpha-Synuclein (D37A6) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-F. Consolidation on 11/2018: AB_10484828, AB_10839126, AB_1904156.

Antibody Name: alpha-Synuclein (D37A6) XP Rabbit mAb

Description: This monoclonal targets alpha-Synuclein (D37A6) XP Rabbit mAb

Target Organism: rat, m, mouse, r

Antibody ID: AB_1904156

Vendor: Cell Signaling Technology

Catalog Number: 4179

Record Creation Time: 20241016T225701+0000

Record Last Update: 20241016T234538+0000

Ratings and Alerts

No rating or validation information has been found for alpha-Synuclein (D37A6) XP Rabbit mAb.

No alerts have been found for alpha-Synuclein (D37A6) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Liu Z, et al. (2023) Chronic carbon disulfide exposure induces parkinsonian pathology via ?-synuclein aggregation and necrosome complex interaction. iScience, 26(10), 107787.

Grochowska KM, et al. (2023) Chaperone-mediated autophagy in neuronal dendrites utilizes activity-dependent lysosomal exocytosis for protein disposal. Cell reports, 42(8), 112998.

Peixoto DO, et al. (2023) Increased alpha-synuclein and neuroinflammation in the substantia nigra triggered by systemic inflammation are reversed by targeted inhibition of the receptor for advanced glycation end products (RAGE). Journal of neurochemistry.

Nemutlu Samur D, et al. (2022) Vortioxetine ameliorates motor and cognitive impairments in the rotenone-induced Parkinson's disease via targeting TLR-2 mediated neuroinflammation. Neuropharmacology, 208, 108977.

Gorenberg EL, et al. (2022) Identification of substrates of palmitoyl protein thioesterase 1 highlights roles of depalmitoylation in disulfide bond formation and synaptic function. PLoS biology, 20(3), e3001590.

Elfarrash S, et al. (2021) Polo-like kinase 2 inhibition reduces serine-129 phosphorylation of physiological nuclear alpha-synuclein but not of the aggregated alpha-synuclein. PloS one, 16(10), e0252635.

Komolov KE, et al. (2021) Structure of a GRK5-Calmodulin Complex Reveals Molecular Mechanism of GRK Activation and Substrate Targeting. Molecular cell, 81(2), 323.

Suzuki G, et al. (2020) ?-synuclein strains that cause distinct pathologies differentially inhibit proteasome. eLife, 9.

Lin B, et al. (2020) Retina Organoid Transplants Develop Photoreceptors and Improve Visual Function in RCS Rats With RPE Dysfunction. Investigative ophthalmology & visual science, 61(11), 34.

Yan J, et al. (2020) Atorvastatin improves motor function, anxiety and depression by NOX2-mediated autophagy and oxidative stress in MPTP-lesioned mice. Aging, 13(1), 831.

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

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

Fang X, et al. (2019) Neuroprotective effects of an engineered commensal bacterium in the 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine Parkinson disease mouse model via producing glucagon-like peptide-1. Journal of neurochemistry, 150(4), 441.

Ugras S, et al. (2018) Induction of the Immunoproteasome Subunit Lmp7 Links Proteostasis and Immunity in ?-Synuclein Aggregation Disorders. EBioMedicine, 31, 307.