Resource Summary Report

Generated by dkNET on Sep 4, 2026

Rabbit Anti-Glucocerebrosidase, C Terminus Antibody, Unconjugated

RRID:AB_1078958
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# G4171, RRID:AB_1078958

Antibody Information

URL: http://antibodyregistry.org/AB_1078958

Proper Citation: Sigma-Aldrich Cat# G4171, RRID:AB_1078958

Target Antigen: Glucocerebrosidase (C-terminal) antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: immunoblotting: 1-2 mug/mL; Western Blot

Antibody Name: Rabbit Anti-Glucocerebrosidase, C Terminus Antibody, Unconjugated

Description: This polyclonal targets Glucocerebrosidase (C-terminal) antibody produced in rabbit

Target Organism: rat, mouse, human

Antibody ID: AB_1078958

Vendor: Sigma-Aldrich

Catalog Number: G4171

Record Creation Time: 20231110T074656+0000

Record Last Update: 20260830T020613+0000

Ratings and Alerts

- This report provides a guide to selecting high-quality commercial antibodies against the lysosomal enzyme glucocerebrosidase (GCase) for use in Western blot and immunoprecipitation, utilizing a standardized experimental protocol that compares read-outs in knockout cell lines and isogenic parental controls. - YCHarOS https://ycharos.com/

No alerts have been found for Rabbit Anti-Glucocerebrosidase, C Terminus Antibody, Unconjugated.

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 dkNET .

Abdelmageed M, et al. (2026) An altered cell-specific subcellular distribution of translesion synthesis DNA polymerase kappa (POLK) in aging mouse neurons. eLife, 13.

Worrall D, et al. (2025) A guide to selecting high-performing antibodies for GCase (UniProt ID: P04062) for use in western blot, immunoprecipitation, and immunofluorescence. F1000Research, 14, 1400.

Álvarez Jerez P, et al. (2024) African ancestry neurodegeneration risk variant disrupts an intronic branchpoint in GBA1. Nature structural & molecular biology, 31(12), 1955.

Mahoney-Crane CL, et al. (2023) Neuronopathic GBA1L444P Mutation Accelerates Glucosylsphingosine Levels and Formation of Hippocampal Alpha-Synuclein Inclusions. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(3), 501.

Krause GJ, et al. (2023) Molecular determinants of the crosstalk between endosomal microautophagy and chaperone-mediated autophagy. Cell reports, 42(12), 113529.

Kedariti M, et al. (2022) LRRK2 kinase activity regulates GCase level and enzymatic activity differently depending on cell type in Parkinson's disease. NPJ Parkinson's disease, 8(1), 92.

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.

Roney JC, et al. (2021) Lipid-mediated motor-adaptor sequestration impairs axonal lysosome delivery leading to autophagic stress and dystrophy in Niemann-Pick type C. Developmental cell, 56(10), 1452.

Logan T, et al. (2021) Rescue of a lysosomal storage disorder caused by Grn loss of function with a brain penetrant progranulin biologic. Cell, 184(18), 4651.

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

Henderson MX, et al. (2020) Glucocerebrosidase Activity Modulates Neuronal Susceptibility to Pathological ?-Synuclein Insult. Neuron, 105(5), 822.

Taguchi YV, et al. (2017) Glucosylsphingosine Promotes ?-Synuclein Pathology in Mutant GBA-Associated Parkinson's Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(40), 9617.