Resource Summary Report

Generated by NIF on Sep 4, 2026

cathepsin D (C-20)

RRID:AB_637896
Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-6486, RRID:AB_637896

Antibody Information

URL: http://antibodyregistry.org/AB_637896

Proper Citation: Santa Cruz Biotechnology Cat# sc-6486, RRID:AB_637896

Target Antigen: cathepsin D (C-20)

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunohistochemistry; Immunoprecipitation; Immunofluorescence; Immunocytochemistry; Western Blot; WB, IP, IF, IHC(P), ELISA

Antibody Name: cathepsin D (C-20)

Description: This polyclonal targets cathepsin D (C-20)

Target Organism: rat, mouse, human

Antibody ID: AB_637896

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-6486

Record Creation Time: 20231110T080333+0000

Record Last Update: 20260829T075835+0000

Ratings and Alerts

No rating or validation information has been found for cathepsin D (C-20).

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunohistochemistry; Immunoprecipitation; Immunofluorescence; Immunocytochemistry; Western Blot; WB, IP, IF, IHC(P), ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Matthews I, et al. (2023) Skeletal muscle TFEB signaling promotes central nervous system function and reduces neuroinflammation during aging and neurodegenerative disease. Cell reports, 42(11), 113436.

Singh N, et al. (2022) Targeted BACE-1 inhibition in microglia enhances amyloid clearance and improved cognitive performance. Science advances, 8(29), eabo3610.

Roca-Agujetas V, et al. (2021) Cholesterol alters mitophagy by impairing optineurin recruitment and lysosomal clearance in Alzheimer's disease. Molecular neurodegeneration, 16(1), 15.

Bassal M, et al. (2021) Rapid and Progressive Loss of Multiple Retinal Cell Types in Cathepsin D-Deficient Mice-An Animal Model of CLN10 Disease. Cells, 10(3).

Chen D, et al. (2021) ORF3a of SARS-CoV-2 promotes lysosomal exocytosis-mediated viral egress. Developmental cell, 56(23), 3250.

Miao G, et al. (2021) ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. Developmental cell, 56(4), 427.

Lüningschrör P, et al. (2020) The FTLD Risk Factor TMEM106B Regulates the Transport of Lysosomes at the Axon Initial Segment of Motoneurons. Cell reports, 30(10), 3506.

Alissafi T, et al. (2020) Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. Cell metabolism, 32(4), 591.

Zhuang XX, et al. (2020) Pharmacological enhancement of TFEB-mediated autophagy alleviated neuronal death in oxidative stress-induced Parkinson's disease models. Cell death & disease, 11(2), 128.

Rezai Amin S, et al. (2019) Viral vector-mediated Cre recombinase expression in substantia nigra induces lesions of the nigrostriatal pathway associated with perturbations of dopamine-related behaviors and hallmarks of programmed cell death. Journal of neurochemistry, 150(3), 330.

Chino H, et al. (2019) Intrinsically Disordered Protein TEX264 Mediates ER-phagy. Molecular cell, 74(5), 909.

Holler CJ, et al. (2017) Intracellular Proteolysis of Progranulin Generates Stable, Lysosomal Granulins that Are Haploinsufficient in Patients with Frontotemporal Dementia Caused by GRN Mutations. eNeuro, 4(4).

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.