

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Anti-LONP1

RRID:AB_1079695

Type: Antibody

Proper Citation

Atlas Antibodies Cat# HPA002192, RRID:AB_1079695

Antibody Information

URL: http://antibodyregistry.org/AB_1079695

Proper Citation: Atlas Antibodies Cat# HPA002192, RRID:AB_1079695

Target Antigen: LONP1

Host Organism: rabbit

Clonality: unknown

Comments: Originating manufacturer of this product. Applications: ICC-IF, IHC, WB. Genetic validation in WB by siRNA knockdown. Validation of protein expression in WB by comparing independent antibodies targeting different epitopes of the protein. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

Antibody Name: Anti-LONP1

Description: This unknown targets LONP1

Target Organism: rat, mouse, human

Antibody ID: AB_1079695

Vendor: Atlas Antibodies

Catalog Number: HPA002192

Record Creation Time: 20231110T034314+0000

Record Last Update: 20260829T010219+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA002192>

No alerts have been found for Anti-LONP1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Vincent AE, et al. (2024) A stagewise response to mitochondrial dysfunction in mitochondrial DNA maintenance disorders. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(5), 167131.

Chen C, et al. (2023) Parkinson's disease neurons exhibit alterations in mitochondrial quality control proteins. *NPJ Parkinson's disease*, 9(1), 120.

Rupprecht A, et al. (2022) The Combination of Δ^9 -Tetrahydrocannabinol and Cannabidiol Suppresses Mitochondrial Respiration of Human Glioblastoma Cells via Downregulation of Specific Respiratory Chain Proteins. *Cancers*, 14(13).

Lowden C, et al. (2021) Homeostatic control of nuclear-encoded mitochondrial gene expression by the histone variant H2A.Z is essential for neuronal survival. *Cell reports*, 36(11), 109704.

Forsström S, et al. (2019) Fibroblast Growth Factor 21 Drives Dynamics of Local and Systemic Stress Responses in Mitochondrial Myopathy with mtDNA Deletions. *Cell metabolism*, 30(6), 1040.

Hammerschmidt P, et al. (2019) CerS6-Derived Sphingolipids Interact with Mff and Promote Mitochondrial Fragmentation in Obesity. *Cell*, 177(6), 1536.