

# Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

## Anti-LONP1 antibody produced in rabbit

RRID:AB\_1079695

Type: Antibody

### Proper Citation

Sigma-Aldrich Cat# HPA002192, RRID:AB\_1079695

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1079695](http://antibodyregistry.org/AB_1079695)

**Proper Citation:** Sigma-Aldrich Cat# HPA002192, RRID:AB\_1079695

**Target Antigen:** Human LONP1

**Host Organism:** rabbit

**Clonality:** unknown

**Comments:** Vendor recommendations:

**Antibody Name:** Anti-LONP1 antibody produced in rabbit

**Description:** This unknown targets Human LONP1

**Target Organism:** human

**Antibody ID:** AB\_1079695

**Vendor:** Sigma-Aldrich

**Catalog Number:** HPA002192

**Record Creation Time:** 20250820T055657+0000

**Record Last Update:** 20250820T225339+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 antibody produced in rabbit.

## 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 [NIF](#) .

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  $\Delta^9$ -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.