

# Resource Summary Report

Generated by NIF on Jul 31, 2026

## Recombinant Anti-OPA1 antibody [EPR11057(B)]

RRID:AB\_2864313

Type: Antibody

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### Proper Citation

Abcam Cat# ab157457, RRID:AB\_2864313

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2864313](http://antibodyregistry.org/AB_2864313)

**Proper Citation:** Abcam Cat# ab157457, RRID:AB\_2864313

**Target Antigen:** OPA1

**Host Organism:** rabbit

**Clonality:** recombinant

**Comments:** Applications: WB, IHC-P, IHC-Fr

**Antibody Name:** Recombinant Anti-OPA1 antibody [EPR11057(B)]

**Description:** This recombinant targets OPA1

**Target Organism:** rat, mouse, human

**Clone ID:** EPR11057(B)

**Antibody ID:** AB\_2864313

**Vendor:** Abcam

**Catalog Number:** ab157457

**Record Creation Time:** 20250820T052258+0000

**Record Last Update:** 20250820T212642+0000

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### Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-OPA1 antibody [EPR11057(B)].

No alerts have been found for Recombinant Anti-OPA1 antibody [EPR11057(B)].

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Meroni M, et al. (2025) Exploring multiorgan mitochondrial dysfunction in the switch toward progressive MASLD in AMLN mice. *iScience*, 28(9), 113449.

López-Cervantes M, et al. (2025) Portacaval anastomosis promotes fragmentation of mitochondrial network in the cerebellum of male rats. *Metabolic brain disease*, 40(7), 274.

Zhang JF, et al. (2024) Acetylated tau exacerbates apoptosis by disturbing mitochondrial dynamics in HEK293 cells. *Journal of neurochemistry*, 168(3), 288.

Liu Y, et al. (2024) CircTMEM165 facilitates endothelial repair by modulating mitochondrial fission via miR-192/SCP2 in vitro and in vivo. *iScience*, 27(4), 109502.

Xu L, et al. (2022) CLOCK regulates Drp1 mRNA stability and mitochondrial homeostasis by interacting with PUF60. *Cell reports*, 39(2), 110635.

Cao J, et al. (2021) RBFOX2 is critical for maintaining alternative polyadenylation patterns and mitochondrial health in rat myoblasts. *Cell reports*, 37(5), 109910.

Flockhart M, et al. (2021) Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. *Cell metabolism*, 33(5), 957.

Wei X, et al. (2020) Reducing NADPH Synthesis Counteracts Diabetic Nephropathy through Restoration of AMPK Activity in Type 1 Diabetic Rats. *Cell reports*, 32(13), 108207.