

# Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

## [NDUFS3 antibody \[17D95\]](#)

RRID:AB\_301429

Type: Antibody

### Proper Citation

Abcam Cat# ab14711, RRID:AB\_301429

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_301429](http://antibodyregistry.org/AB_301429)

**Proper Citation:** Abcam Cat# ab14711, RRID:AB\_301429

**Target Antigen:** NDUFS3 antibody [17D95]

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012:2a;2a Flow Cytometry; Immunocytochemistry; Western Blot; Flow Cyt, WB

**Antibody Name:** NDUFS3 antibody [17D95]

**Description:** This monoclonal targets NDUFS3 antibody [17D95]

**Target Organism:** drosophilaarthropod, rat, cow, mouse, zebrafishfish, bovine, zebrafish, human

**Antibody ID:** AB\_301429

**Vendor:** Abcam

**Catalog Number:** ab14711

**Record Creation Time:** 20250819T230137+0000

**Record Last Update:** 20250820T040336+0000

### Ratings and Alerts

No rating or validation information has been found for NDUFS3 antibody [17D95].

No alerts have been found for NDUFS3 antibody [17D95].

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Bretscher H, et al. (2025) Glycogen homeostasis and mitochondrial DNA expression require motor neuron to muscle TGF- $\beta$ /Activin signaling in *Drosophila*. *iScience*, 28(1), 111611.

Ham SJ, et al. (2025) Mitochondrial fumarate inhibits Parkin-mediated mitophagy. *Molecular cell*, 85(12), 2287.

Grepper D, et al. (2024) BCL2L13 at endoplasmic reticulum-mitochondria contact sites regulates calcium homeostasis to maintain skeletal muscle function. *iScience*, 27(8), 110510.

Meisel JD, et al. (2024) Hypoxia and intra-complex genetic suppressors rescue complex I mutants by a shared mechanism. *Cell*, 187(3), 659.

Shen K, et al. (2024) The germline coordinates mitokine signaling. *Cell*, 187(17), 4605.

García-Poyatos C, et al. (2024) Cox7a1 controls skeletal muscle physiology and heart regeneration through complex IV dimerization. *Developmental cell*, 59(14), 1824.

Murari A, et al. (2023) Phospholipids can regulate complex I assembly independent of their role in maintaining mitochondrial membrane integrity. *Cell reports*, 42(8), 112846.

Brischigliaro M, et al. (2023) Structural rather than catalytic role for mitochondrial respiratory chain supercomplexes. *eLife*, 12.

Ojha R, et al. (2022) Regulation of reverse electron transfer at mitochondrial complex I by unconventional Notch action in cancer stem cells. *Developmental cell*, 57(2), 260.

Cha SJ, et al. (2022) Therapeutic modulation of GSTO activity rescues FUS-associated neurotoxicity via deglutathionylation in ALS disease models. *Developmental cell*, 57(6), 783.

Huang Y, et al. (2022) Pantothenate kinase 2 interacts with PINK1 to regulate mitochondrial quality control via acetyl-CoA metabolism. *Nature communications*, 13(1), 2412.

Murari A, et al. (2021) Dissecting the concordant and disparate roles of NDUFAF3 and NDUFAF4 in mitochondrial complex I biogenesis. *iScience*, 24(8), 102869.

Lam AB, et al. (2021) Vitamin B12 impacts amyloid beta-induced proteotoxicity by regulating the methionine/S-adenosylmethionine cycle. *Cell reports*, 36(13), 109753.

Hung YC, et al. (2021) UQCRC1 engages cytochrome c for neuronal apoptotic cell death. *Cell reports*, 36(12), 109729.

Zhao X, et al. (2021) Glutamate metabolism directs energetic trade-offs to shape host-pathogen susceptibility in *Drosophila*. *Cell metabolism*, 33(12), 2428.

Fang H, et al. (2021) A membrane arm of mitochondrial complex I sufficient to promote respirasome formation. *Cell reports*, 35(2), 108963.

Lin J, et al. (2020) Paradoxical Mitophagy Regulation by PINK1 and TUFm. *Molecular cell*, 80(4), 607.

Kanellopoulos AK, et al. (2020) Aralar Sequesters GABA into Hyperactive Mitochondria, Causing Social Behavior Deficits. *Cell*, 180(6), 1178.

Andreazza S, et al. (2019) Mitochondrially-targeted APOBEC1 is a potent mtDNA mutator affecting mitochondrial function and organismal fitness in *Drosophila*. *Nature communications*, 10(1), 3280.

Wu Z, et al. (2018) Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. *Cell metabolism*, 28(1), 130.