

# Resource Summary Report

Generated by NIF on Jul 30, 2026

## UQCRC2 antibody [13G12AF12BB11]

RRID:AB\_2213640

Type: Antibody

### Proper Citation

Abcam Cat# ab14745, RRID:AB\_2213640

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2213640](http://antibodyregistry.org/AB_2213640)

**Proper Citation:** Abcam Cat# ab14745, RRID:AB\_2213640

**Target Antigen:** UQCRC2 antibody [13G12AF12BB11]

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Flow Cyt, ICC, IHC-P, WB; Immunocytochemistry; Immunohistochemistry - fixed; Immunohistochemistry; Western Blot; Flow Cytometry

**Antibody Name:** UQCRC2 antibody [13G12AF12BB11]

**Description:** This monoclonal targets UQCRC2 antibody [13G12AF12BB11]

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

**Antibody ID:** AB\_2213640

**Vendor:** Abcam

**Catalog Number:** ab14745

**Record Creation Time:** 20250820T045052+0000

**Record Last Update:** 20250820T200546+0000

### Ratings and Alerts

No rating or validation information has been found for UQCRC2 antibody [13G12AF12BB11].

No alerts have been found for UQCRC2 antibody [13G12AF12BB11].

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 56 mentions in open access literature.

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

Lane AR, et al. (2025) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *Molecular biology of the cell*, 36(3), ar33.

Li Y, et al. (2025) Ectopic protein lysine methacrylation contributes to defects caused by loss of HIBCH or ECHS1. *Cell reports*, 44(3), 115379.

Shen C, et al. (2025) ALKBH1 drives tumorigenesis and drug resistance via tRNA decoding reprogramming and codon-biased translation. *Cancer discovery*.

Lin YT, et al. (2025) Temporal analysis of doxorubicin-induced cardiac toxicity and hypertrophy. *NPJ systems biology and applications*, 11(1), 67.

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. *Cell reports*, 44(1), 115154.

Triolo M, et al. (2024) Optic atrophy 1 mediates muscle differentiation by promoting a metabolic switch via the supercomplex assembly factor SCAF1. *iScience*, 27(3), 109164.

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.

Wu Z, et al. (2024) Electron transport chain inhibition increases cellular dependence on purine transport and salvage. *Cell metabolism*, 36(7), 1504.

McMinimy R, et al. (2024) Reactive oxygen species control protein degradation at the mitochondrial import gate. *Molecular cell*, 84(23), 4612.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *bioRxiv : the preprint server for biology*.

Kelly G, et al. (2024) Suppressed basal mitophagy drives cellular aging phenotypes that can be reversed by a p62-targeting small molecule. *Developmental cell*, 59(15), 1924.

Damiecki M, et al. (2024) Mitochondrial apolipoprotein MIC26 is a metabolic rheostat regulating central cellular fuel pathways. *Life science alliance*, 7(12).

Wang C, et al. (2024) Serine synthesis sustains macrophage IL-1 $\beta$  production via NAD<sup>+</sup>-dependent protein acetylation. *Molecular cell*, 84(4), 744.

Šunátová K, et al. (2024) Mitochondrial translation is the primary determinant of secondary mitochondrial complex I deficiencies. *iScience*, 27(8), 110560.

Le DE, et al. (2024) Metabolomics of repetitive myocardial stunning in chronic multivessel coronary artery stenosis: Effect of non-selective and selective  $\beta$ 1-receptor blockers. *The Journal of physiology*, 602(14), 3423.

Zhou C, et al. (2024) TRABD modulates mitochondrial homeostasis and tissue integrity. *Cell reports*, 43(6), 114304.

Benzo Y, et al. (2024) Acyl-CoA synthetase 4 modulates mitochondrial function in breast cancer cells. *Heliyon*, 10(9), e30639.

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

Wynne ME, et al. (2023) APOE expression and secretion are modulated by mitochondrial dysfunction. *eLife*, 12.

Ye X, et al. (2023) Switching ubiquitous and muscle-specific isoforms of mitochondrial respiratory complex IV in skeletal muscle fine-tunes complex IV activity. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(4), e22891.