

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on May 3, 2024

PYCR1 antibody

RRID:AB_2174878

Type: Antibody

Proper Citation

(Proteintech Cat# 13108-1-AP, RRID:AB_2174878)

Antibody Information

URL: http://antibodyregistry.org/AB_2174878

Proper Citation: (Proteintech Cat# 13108-1-AP, RRID:AB_2174878)

Target Antigen: PYCR1

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: PYCR1 antibody

Description: This polyclonal targets PYCR1

Target Organism: human, mouse, rat, zebrafish

Antibody ID: AB_2174878

Vendor: Proteintech

Catalog Number: 13108-1-AP

Ratings and Alerts

No rating or validation information has been found for PYCR1 antibody.

No alerts have been found for PYCR1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Choudhury D, et al. (2024) Proline restores mitochondrial function and reverses aging hallmarks in senescent cells. *Cell reports*, 43(2), 113738.

Westbrook RL, et al. (2022) Proline synthesis through PYCR1 is required to support cancer cell proliferation and survival in oxygen-limiting conditions. *Cell reports*, 38(5), 110320.

Escande-Beillard N, et al. (2020) Loss of PYCR2 Causes Neurodegeneration by Increasing Cerebral Glycine Levels via SHMT2. *Neuron*, 107(1), 82.

Dogan SA, et al. (2018) Perturbed Redox Signaling Exacerbates a Mitochondrial Myopathy. *Cell metabolism*, 28(5), 764.

Kühl I, et al. (2017) Transcriptomic and proteomic landscape of mitochondrial dysfunction reveals secondary coenzyme Q deficiency in mammals. *eLife*, 6.