

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 17, 2025

Catalase (D4P7B)XP® Rabbit mAb

RRID:AB_2798079

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12980, RRID:AB_2798079)

Antibody Information

URL: http://antibodyregistry.org/AB_2798079

Proper Citation: (Cell Signaling Technology Cat# 12980, RRID:AB_2798079)

Target Antigen: Catalase

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: Catalase (D4P7B)XP® Rabbit mAb

Description: This monoclonal targets Catalase

Target Organism: h

Clone ID: Clone D4P7B

Antibody ID: AB_2798079

Vendor: Cell Signaling Technology

Catalog Number: 12980

Record Creation Time: 20241016T233247+0000

Record Last Update: 20241017T005210+0000

Ratings and Alerts

No rating or validation information has been found for Catalase (D4P7B)XP® Rabbit mAb.

No alerts have been found for Catalase (D4P7B)XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bose K, et al. (2024) Sleep fragmentation induces heart failure in a hypertrophic cardiomyopathy mouse model by altering redox metabolism. *iScience*, 27(3), 109075.

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. *Nature communications*, 15(1), 4244.

Bellver-Sanchis A, et al. (2024) Neuroprotective effects of G9a inhibition through modulation of peroxisome-proliferator activator receptor gamma-dependent pathways by miR-128. *Neural regeneration research*, 19(11), 2532.

Hoes L, et al. (2023) Ethanol induces replication fork stalling and membrane stress in immortalized laryngeal cells. *iScience*, 26(12), 108564.

Goto A, et al. (2022) Compartmentalization of casein kinase 1 ? CSNK1G controls the intracellular trafficking of ceramide. *iScience*, 25(7), 104624.

Sambri I, et al. (2020) Impaired flickering of the permeability transition pore causes SPG7 spastic paraplegia. *EBioMedicine*, 61, 103050.

Shen S, et al. (2020) Melanoma Persister Cells Are Tolerant to BRAF/MEK Inhibitors via ACOX1-Mediated Fatty Acid Oxidation. *Cell reports*, 33(8), 108421.

Wu H, et al. (2019) Decapping Enzyme NUDT12 Partners with BLMH for Cytoplasmic Surveillance of NAD-Capped RNAs. *Cell reports*, 29(13), 4422.

Gao X, et al. (2019) ?-6-Phosphogluconolactone, a Byproduct of the Oxidative Pentose Phosphate Pathway, Contributes to AMPK Activation through Inhibition of PP2A. *Molecular cell*, 76(6), 857.