

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 6, 2026

Anti-ZDHHC5 antibody produced in rabbit

RRID:AB_2257442

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA014670, RRID:AB_2257442

Antibody Information

URL: http://antibodyregistry.org/AB_2257442

Proper Citation: Sigma-Aldrich Cat# HPA014670, RRID:AB_2257442

Target Antigen: ZDHHC5 antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Immunohistochemistry; Other; protein array: suitable, immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable

Antibody Name: Anti-ZDHHC5 antibody produced in rabbit

Description: This polyclonal targets ZDHHC5 antibody produced in rabbit

Target Organism: human

Antibody ID: AB_2257442

Vendor: Sigma-Aldrich

Catalog Number: HPA014670

Record Creation Time: 20231110T072659+0000

Record Last Update: 20260901T033605+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas
<https://www.proteinatlas.org/search/HPA014670>

No alerts have been found for Anti-ZDHHC5 antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Mi S, et al. (2026) Metabolic orchestration of NOD1 signaling by AMPK-mediated phosphorylation of ZDHHC5. *iScience*, 29(4), 115245.

Shen Y, et al. (2024) ABHD7-mediated depalmitoylation of lamin A promotes myoblast differentiation. *Cell reports*, 43(2), 113720.

Wang J, et al. (2024) Dynamic palmitoylation of STX11 controls injury-induced fatty acid uptake to promote muscle regeneration. *Developmental cell*, 59(3), 384.

Zheng S, et al. (2023) ZDHHC5-mediated NLRP3 palmitoylation promotes NLRP3-NEK7 interaction and inflammasome activation. *Molecular cell*, 83(24), 4570.

Zhang Y, et al. (2021) Potential Role of S-Palmitoylation in Cancer Stem Cells of Lung Adenocarcinoma. *Frontiers in cell and developmental biology*, 9, 734897.

G??k C, et al. (2020) Dynamic Palmitoylation of the Sodium-Calcium Exchanger Modulates Its Structure, Affinity for Lipid-Ordered Domains, and Inhibition by XIP. *Cell reports*, 31(10), 107697.

Ko PJ, et al. (2019) A ZDHHC5-GOLGA7 Protein Acyltransferase Complex Promotes Nonapoptotic Cell Death. *Cell chemical biology*, 26(12), 1716.

Wang J, et al. (2019) DHHC4 and DHHC5 Facilitate Fatty Acid Uptake by Palmitoylating and Targeting CD36 to the Plasma Membrane. *Cell reports*, 26(1), 209.