

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Anti-SHMT2 antibody produced in rabbit

RRID:AB_1856834

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA020549, RRID:AB_1856834

Antibody Information

URL: http://antibodyregistry.org/AB_1856834

Proper Citation: Sigma-Aldrich Cat# HPA020549, RRID:AB_1856834

Target Antigen: Human SHMT2

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations: Immunohistochemistry; Other; Immunohistochemistry (formalin-fixed, paraffin-embedded sections), Protein Array

Antibody Name: Anti-SHMT2 antibody produced in rabbit

Description: This unknown targets Human SHMT2

Target Organism: human

Antibody ID: AB_1856834

Vendor: Sigma-Aldrich

Catalog Number: HPA020549

Record Creation Time: 20231110T051639+0000

Record Last Update: 20260828T232115+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA020549>

No alerts have been found for Anti-SHMT2 antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kiweler N, et al. (2022) Mitochondria preserve an autarkic one-carbon cycle to confer growth-independent cancer cell migration and metastasis. *Nature communications*, 13(1), 2699.

Mukha D, et al. (2022) Glycine decarboxylase maintains mitochondrial protein lipoylation to support tumor growth. *Cell metabolism*, 34(5), 775.

Huang LJ, et al. (2021) Multiomics analyses reveal a critical role of selenium in controlling T??cell differentiation in Crohn's disease. *Immunity*, 54(8), 1728.

Lee WD, et al. (2021) Tumor Reliance on Cytosolic versus Mitochondrial One-Carbon Flux Depends on Folate Availability. *Cell metabolism*, 33(1), 190.

Cuadrado E, et al. (2018) Proteomic Analyses of Human Regulatory T Cells Reveal Adaptations in Signaling Pathways that Protect Cellular Identity. *Immunity*, 48(5), 1046.

Chen WW, et al. (2016) Absolute Quantification of Matrix Metabolites Reveals the Dynamics of Mitochondrial Metabolism. *Cell*, 166(5), 1324.