

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.