

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

Anti-SHMT2

RRID:AB_1856834

Type: Antibody

Proper Citation

Atlas Antibodies Cat# HPA020549, RRID:AB_1856834

Antibody Information

URL: http://antibodyregistry.org/AB_1856834

Proper Citation: Atlas Antibodies Cat# HPA020549, RRID:AB_1856834

Target Antigen: SHMT2

Host Organism: rabbit

Clonality: unknown

Comments: Originating manufacturer of this product. Applications: ICC-IF, IHC, WB. Orthogonal validation of protein expression using IHC by comparison to RNA-seq data of corresponding target in high and low expression tissues. Validation of protein expression in IHC by comparing independent antibodies targeting different epitopes of the protein. Validation of protein expression in WB by comparing independent antibodies targeting different epitopes of the protein. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

Antibody Name: Anti-SHMT2

Description: This unknown targets SHMT2

Target Organism: rat, mouse, human

Antibody ID: AB_1856834

Vendor: Atlas Antibodies

Catalog Number: HPA020549

Record Creation Time: 20250820T065812+0000

Record Last Update: 20250821T011923+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.

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 [NIF](#) .

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.