

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Anti-MPC1 polyclonal antibody

RRID:AB_10960421

Type: Antibody

Proper Citation

Atlas Antibodies Cat# HPA045119, RRID:AB_10960421

Antibody Information

URL: http://antibodyregistry.org/AB_10960421

Proper Citation: Atlas Antibodies Cat# HPA045119, RRID:AB_10960421

Target Antigen: MPC1

Host Organism: rabbit

Clonality: polyclonal

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. Orthogonal validation of protein expression using WB by comparison to RNA-seq data of corresponding target in high and low expression cell lines. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

Antibody Name: Anti-MPC1 polyclonal antibody

Description: This polyclonal targets MPC1

Target Organism: human

Antibody ID: AB_10960421

Vendor: Atlas Antibodies

Catalog Number: HPA045119

Record Creation Time: 20231110T034141+0000

Record Last Update: 20260829T165407+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA045119>

No alerts have been found for Anti-MPC1 polyclonal antibody.

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](#) .

Tiwari A, et al. (2024) Mitochondrial pyruvate transport regulates presynaptic metabolism and neurotransmission. Science advances, 10(46), eadp7423.

De La Rossa A, et al. (2022) Paradoxical neuronal hyperexcitability in a mouse model of mitochondrial pyruvate import deficiency. eLife, 11.

Maffioli E, et al. (2022) Insulin and serine metabolism as sex-specific hallmarks of Alzheimer's disease in the human hippocampus. Cell reports, 40(10), 111271.

Zhang K, et al. (2022) Acquisition of cellular properties during alveolar formation requires differential activity and distribution of mitochondria. eLife, 11.

Zhang K, et al. (2022) mTORC1 signaling facilitates differential stem cell differentiation to shape the developing murine lung and is associated with mitochondrial capacity. Nature communications, 13(1), 7252.

Hartwig C, et al. (2021) Golgi-Dependent Copper Homeostasis Sustains Synaptic Development and Mitochondrial Content. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(2), 215.