

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

GPT2 antibody

RRID:AB_2112098

Type: Antibody

Proper Citation

Proteintech Cat# 16757-1-AP, RRID:AB_2112098

Antibody Information

URL: http://antibodyregistry.org/AB_2112098

Proper Citation: Proteintech Cat# 16757-1-AP, RRID:AB_2112098

Target Antigen: GPT2

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: GPT2 antibody

Description: This polyclonal targets GPT2

Target Organism: rat, mouse, human

Antibody ID: AB_2112098

Vendor: Proteintech

Catalog Number: 16757-1-AP

Record Creation Time: 20250820T000756+0000

Record Last Update: 20250820T072750+0000

Ratings and Alerts

No rating or validation information has been found for GPT2 antibody.

No alerts have been found for GPT2 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zhu L, et al. (2026) Mitochondrial glutamine import sustains electron transport chain integrity independently of glutaminolysis in cancer. *Molecular cell*, 86(1), 150.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. *Cancer discovery*, 15(2), 401.

Nie H, et al. (2025) Selective Alanine Transporter Utilization Is a Therapeutic Vulnerability in ARID1A-Mutant Ovarian Cancer. *Cancer research*, 85(18), 3471.

Nuytens L, et al. (2025) Unraveling mitochondrial pyruvate dysfunction to mitigate hyperlactatemia and lethality in sepsis. *Cell reports*, 44(8), 116032.

Klysz DD, et al. (2024) Inosine induces stemness features in CAR-T cells and enhances potency. *Cancer cell*, 42(2), 266.

Baytas O, et al. (2024) Loss of mitochondrial enzyme GPT2 leads to reprogramming of synaptic glutamate metabolism. *Molecular brain*, 17(1), 87.

Baytas O, et al. (2024) Loss of mitochondrial enzyme GPT2 leads to reprogramming of synaptic glutamate metabolism. *bioRxiv : the preprint server for biology*.

West EE, et al. (2023) Loss of CD4+ T cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. *Immunity*, 56(9), 2036.

Southwell N, et al. (2023) A coordinated multiorgan metabolic response contributes to human mitochondrial myopathy. *EMBO molecular medicine*, e16951.

Cicatiello AG, et al. (2022) Thyroid hormone regulates glutamine metabolism and anaplerotic fluxes by inducing mitochondrial glutamate aminotransferase GPT2. *Cell reports*, 38(8), 110409.

Zhang B, et al. (2022) Targeting BCAT1 Combined with α -Ketoglutarate Triggers Metabolic Synthetic Lethality in Glioblastoma. *Cancer research*, 82(13), 2388.