

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Cox2 Antibody

RRID:AB_2084968

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4842, RRID:AB_2084968

Antibody Information

URL: http://antibodyregistry.org/AB_2084968

Proper Citation: Cell Signaling Technology Cat# 4842, RRID:AB_2084968

Target Antigen: Ptgs2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10694771, AB_2084968.

Antibody Name: Cox2 Antibody

Description: This polyclonal targets Ptgs2

Target Organism: rat, mouse, human

Antibody ID: AB_2084968

Vendor: Cell Signaling Technology

Catalog Number: 4842

Record Creation Time: 20231110T050602+0000

Record Last Update: 20260829T024010+0000

Ratings and Alerts

No rating or validation information has been found for Cox2 Antibody.

No alerts have been found for Cox2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Shang C, et al. (2026) Interferon-tau regulates the PGE2/PGF2? ratio via ISG15 in the goat corpus luteum during early pregnancy. *Theriogenology*, 261, 117955.

Valerio RR, et al. (2026) Innate Immune Tolerance Regulates Microglia Response to A? Oligomers. *Journal of neurochemistry*, 170(1), e70341.

Zhu YP, et al. (2025) TNFSF15 alleviates myeloid-derived suppressor cell-mediated cancer immunosuppression in mice. *Acta pharmacologica Sinica*.

Zhu X, et al. (2025) Circular RNA circATM binds PARP1 to suppress Wnt/?-catenin signaling and induce cell cycle arrest in gastric cancer cells. *Journal of advanced research*.

Kameyama H, et al. (2023) Needle biopsy accelerates pro-metastatic changes and systemic dissemination in breast cancer: Implications for mortality by surgery delay. *Cell reports. Medicine*, 4(12), 101330.

Liu H, et al. (2023) Discovery and biological evaluation of a potent small molecule CRM1 inhibitor for its selective ablation of extranodal NK/T cell lymphoma. *eLife*, 12.

Oh YC, et al. (2023) Lumbricus Extract Prevents LPS-Induced Inflammatory Activation of BV2 Microglia and Glutamate-Induced Hippocampal HT22 Cell Death by Suppressing MAPK/NF-?B/NLRP3 Signaling and Oxidative Stress. *Current issues in molecular biology*, 45(12), 9926.

He X, et al. (2021) Tumor-initiating stem cell shapes its microenvironment into an immunosuppressive barrier and pro-tumorigenic niche. *Cell reports*, 36(10), 109674.

Milani C, et al. (2020) Systemic Exposure to Air Pollution Induces Oxidative Stress and Inflammation in Mouse Brain, Contributing to Neurodegeneration Onset. *International journal of molecular sciences*, 21(10).

Sadatom D, et al. (2020) Weak acids induce PGE2 production in human oesophageal cells: novel mechanisms underlying GERD symptoms. *Scientific reports*, 10(1), 20775.

Wang J, et al. (2020) NFAT2 overexpression suppresses the malignancy of hepatocellular carcinoma through inducing Egr2 expression. *BMC cancer*, 20(1), 966.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.