

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

Phospho-cPLA2 (Ser505) Antibody

RRID:AB_2164445

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2831, RRID:AB_2164445

Antibody Information

URL: http://antibodyregistry.org/AB_2164445

Proper Citation: Cell Signaling Technology Cat# 2831, RRID:AB_2164445

Target Antigen: cPLA2, phospho (Ser505)

Clonality: unknown

Comments: Applications: W, IP

Antibody Name: Phospho-cPLA2 (Ser505) Antibody

Description: This unknown targets cPLA2, phospho (Ser505)

Target Organism: rat, mouse, human

Antibody ID: AB_2164445

Vendor: Cell Signaling Technology

Catalog Number: 2831

Record Creation Time: 20250820T010114+0000

Record Last Update: 20250820T094907+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-cPLA2 (Ser505) Antibody.

No alerts have been found for Phospho-cPLA2 (Ser505) Antibody.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Huang K, et al. (2024) Gut microbial co-metabolite 2-methylbutyrylcarnitine exacerbates thrombosis via binding to and activating integrin $\alpha 2 \beta 1$. *Cell metabolism*, 36(3), 598.

Abdullah S, et al. (2023) Succinate metabolism and membrane reorganization drives the endotheliopathy and coagulopathy of traumatic hemorrhage. *Science advances*, 9(24), eadf6600.

Custodio RJP, et al. (2023) Serotonin 2C receptors are also important in head-twitch responses in male mice. *Psychopharmacology*.

Liu F, et al. (2023) Soluble epoxide hydrolase maintains steady-state lipid turnover linked with autocrine signaling in peritoneal macrophages. *iScience*, 26(8), 107465.

Chen ST, et al. (2023) Embryo-derive TNF promotes decidualization via fibroblast activation. *eLife*, 12.

Perez-Corredor PA, et al. (2022) Obesity induces extracellular vesicle release from the endothelium as a contributor to brain damage after cerebral ischemia in rats. *Nutritional neuroscience*, 1.

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

Koundouros N, et al. (2020) Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. *Cell*, 181(7), 1596.

König S, et al. (2019) Melleolides from Honey Mushroom Inhibit 5-Lipoxygenase via Cys159. *Cell chemical biology*, 26(1), 60.