

Resource Summary Report

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Cell Signaling Technology

RRID:SCR_002071

Type: Tool

Proper Citation

Cell Signaling Technology (RRID:SCR_002071)

Resource Information

URL: <http://www.cellsignal.com/>

Proper Citation: Cell Signaling Technology (RRID:SCR_002071)

Description: Privately held company that develops and produces antibodies, ELISA kits, ChIP kits, proteomic kits, and other related reagents used to study cell signaling pathways that impact human health.

Abbreviations: CST

Resource Type: commercial organization

Keywords: antibodies, ELISA kits, ChIP kits, proteomic kits, cell signaling pathways

Resource Name: Cell Signaling Technology

Resource ID: SCR_002071

Alternate IDs: ISNI: 0000 0004 0580 0138, nlx_152330, Wikidata: Q3392342, SCR_004431, grid.420530.0, nif-0000-20826

Alternate URLs: <https://ror.org/03k4zc121>

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260801T190142+0000

Ratings and Alerts

No rating or validation information has been found for Cell Signaling Technology.

No alerts have been found for Cell Signaling Technology.

Data and Source Information

Usage and Citation Metrics

We found 12336 mentions in open access literature.

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

Jiang T, et al. (2026) Blood-brain barrier disruption and neuroinflammation in the hippocampus of a cardiac arrest porcine model: Single-cell RNA sequencing analysis. *Neural regeneration research*, 21(2), 742.

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. *Cancer research*, 85(11), 1978.

Bird SG, et al. (2025) Regulatory Role for Tumor Suppressor REST on Estrogen Receptor (ESR1) Expression and Leiomyoma Pathophysiology. *bioRxiv : the preprint server for biology*.

Thompson AD, et al. (2025) 5-Hydroxytryptamine 1F receptor loss reduces renal vasculature and prevents lasmiditan-induced recovery following moderate-severe acute kidney injury in mice. *American journal of physiology. Renal physiology*, 329(6), F834.

Noorani I, et al. (2025) Extrachromosomal DNA-Driven Oncogene Spatial Heterogeneity and Evolution in Glioblastoma. *Cancer discovery*, 15(10), 2078.

Cluzet V, et al. (2025) Pharmacologic Inhibition of SIRT1 Limits the Growth of Tumoral and Metastatic Granulosa Cells by Affecting mTOR, Myc, and E2F Pathways. *Molecular cancer therapeutics*, 24(8), 1197.

Tsimberidou AM, et al. (2025) Phase I Trial of TTI-101, a First-in-Class Oral Inhibitor of STAT3, in Patients with Advanced Solid Tumors. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(6), 965.

Bird SG, et al. (2025) Regulatory role for tumor suppressor REST on estrogen receptor (ESR1) expression and leiomyoma pathophysiology. *The Journal of biological chemistry*, 302(1), 111017.

Valvo VM, et al. (2025) Olaparib and Radiotherapy Induce Type I Interferon- and CD8+ T Cell-Dependent Sensitization to Immunotherapy in Pancreatic Cancer. *Molecular cancer therapeutics*, 24(6), 843.

Lafargue A, et al. (2025) Twist1-induced suppression of oncogene-induced senescence in non-small cell lung cancer requires the transactivation domain of Twist1. *Neoplasia (New York, N.Y.)*, 66, 101179.

Jia N, et al. (2025) Mitochondrial bioenergetics stimulates autophagy for pathological MAPT/Tau clearance in tauopathy neurons. *Autophagy*, 21(1), 54.

Kim WJ, et al. (2025) Anticancer effect of the antipsychotic agent penfluridol on epithelial ovarian cancer. *Journal of gynecologic oncology*, 36(2), e28.

White J, et al. (2025) Phosphorylation of the selective autophagy receptor TAX1BP1 by TBK1 and IKBKE/IKKi promotes ATG8-family protein-dependent clearance of MAVS aggregates. *Autophagy*, 21(1), 160.

Loomis T, et al. (2025) Muscle satellite cells and fibro-adipogenic progenitors from muscle contractures of children with cerebral palsy have impaired regenerative capacity. *Developmental medicine and child neurology*, 67(1), 77.

Tachibana S, et al. (2025) Diacylglycerol Kinase ϵ Attenuates Doxorubicin-Induced Cardiotoxicity Through p53 Degradation. *Journal of the American Heart Association*, 14(1), e035608.

Ayala-Torres C, et al. (2025) Regulation of N-degron recognin-mediated autophagy by the SARS-CoV-2 PLpro ubiquitin deconjugase. *Autophagy*, 21(5), 1019.

Wang T, et al. (2025) Conditional Activation of c-MYC in Distinct Catecholaminergic Cells Drives Development of Neuroblastoma or Somatostatinoma. *Cancer research*, 85(3), 424.

Lee S, et al. (2025) Rosuvastatin activates autophagy via inhibition of the Akt/mTOR axis in vascular smooth muscle cells. *The Korean journal of physiology & pharmacology : official journal of the Korean Physiological Society and the Korean Society of Pharmacology*, 29(1), 117.

Yao Z, et al. (2025) A split intein and split luciferase-coupled system for detecting protein-protein interactions. *Molecular systems biology*, 21(2), 107.

Sun S, et al. (2025) Jinlida granules alleviate podocyte apoptosis and mitochondrial dysfunction via the AMPK/PGC α 1 pathway in diabetic nephropathy. *International journal of molecular medicine*, 55(2).