

Resource Summary Report

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Caspase-3 (D3R6Y) Rabbit mAb

RRID:AB_2798429

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 14220, RRID:AB_2798429

Antibody Information

URL: http://antibodyregistry.org/AB_2798429

Proper Citation: Cell Signaling Technology Cat# 14220, RRID:AB_2798429

Target Antigen: CASP3

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W

Antibody Name: Caspase-3 (D3R6Y) Rabbit mAb

Description: This recombinant monoclonal targets CASP3

Target Organism: monkey, rat, mouse, human

Clone ID: Clone D3R6Y

Antibody ID: AB_2798429

Vendor: Cell Signaling Technology

Catalog Number: 14220

Record Creation Time: 20250820T002930+0000

Record Last Update: 20250820T082444+0000

Ratings and Alerts

No rating or validation information has been found for Caspase-3 (D3R6Y) Rabbit mAb.

No alerts have been found for Caspase-3 (D3R6Y) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 65 mentions in open access literature.

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

Fu J, et al. (2026) mRNA lipid-nanoparticle-mediated mitochondrial apoptosis augments adoptive T cell immunotherapy. *Cell reports. Medicine*, 7(4), 102706.

Kaur T, et al. (2026) Loss of Regulator of G Protein Signaling 11 Promotes Protumorigenic Features in Pancreatic Cancer. *Molecular cancer research : MCR*, 24(1), 34.

Zhang M, et al. (2026) Sleep disturbance triggers aberrant activation of vagus circuitry and induces intestinal stem cell dysfunction. *Cell stem cell*, 33(2), 306.

Govindarajan M, et al. (2026) Pan-cancer N-glycoproteomic atlas of patient-derived xenografts uncovers FAT2 as an actionable surface target. *Cell reports. Medicine*, 7(2), 102578.

He C, et al. (2026) RNF138 promotes cisplatin resistance and PD-L1-mediated immune evasion via JAK2/STAT3 activation in nasopharyngeal carcinoma. *Cell reports*, 45(6), 117547.

Cao J, et al. (2026) Calcium-mediated calreticulin-IRE1 γ interaction drives dynamic fluctuation of IRE1 γ activity under chronic endoplasmic reticulum stress. *Nature communications*, 17(1).

Polen K, et al. (2026) Cigarette Smoke Exposure Attenuates T2R-Mediated Apoptosis in Head and Neck Squamous Cell Carcinoma. *Head & neck*.

Shanmugam MK, et al. (2026) Bioorthogonal catalytic centres engineered for gastrointestinal stabilization provide oral delivery for the treatment of gastric cancer. *Journal of nanobiotechnology*, 24(1).

Wang Y, et al. (2026) Chronic psychological stress disrupts liver homeostasis by dysregulating oxidative phosphorylation via the PI3K/AKT/FoxO3a axis. *iScience*, 29(4), 115389.

Huang W, et al. (2026) Deubiquitinating enzyme MINDY2 regulates TNF- α -induced cell death by targeting RIPK1. *Cell reports*, 45(4), 117134.

Shi R, et al. (2025) Manganese suppresses tumor growth through hyper-activating IRE1 γ . *iScience*, 28(8), 113121.

Varias DC, et al. (2025) Melatonin and agomelatine alleviate ivermectin-induced mouse spermatogonia apoptosis via suppression of oxidative stress and calcium overload. *Frontiers in cell and developmental biology*, 13, 1713124.

Han J, et al. (2025) FGL2-induced metabolic dysregulation in enteric neural crest cells provides insight into Hirschsprung disease pathogenesis. *iScience*, 28(9), 113423.

Zhang S, et al. (2025) Delayed administration of Jiuwei Qianghuo Decoction combined with Zhuye Shigao Decoction mitigates the severity of influenza A virus infection by inhibiting cell death and alleviating the subsequent cytokine storm response. *Journal of ethnopharmacology*, 355(Pt A), 120572.

Hai Y, et al. (2025) An immunometabolic prodrug strategy overcomes DHODH inhibitor resistance in refractory melanoma. *Journal of experimental & clinical cancer research* : CR, 44(1), 306.

Arenillas C, et al. (2025) Convergent Genetic Adaptation in Human Tumors Developed Under Systemic Hypoxia and in Populations Living at High Altitudes. *Cancer discovery*, 15(5), 1037.

Sun Y, et al. (2025) TRIF-TAK1 signaling suppresses caspase-8/3-mediated GSDMD/E activation and pyroptosis in influenza A virus-infected airway epithelial cells. *iScience*, 28(1), 111581.

Pournajaf S, et al. (2025) Fingolimod Inhibits C6 Rat Glioma Proliferation and Migration, Induces Sub-G1 Cell Cycle Arrest, Mitochondrial and Extrinsic Apoptosis In Vitro and Reduces Tumour Growth In Vivo. *Clinical and experimental pharmacology & physiology*, 52(1), e70012.

Caggiano R, et al. (2025) Suppression of ADP-ribosylation reversal triggers cell vulnerability to alkylating agents. *Neoplasia (New York, N.Y.)*, 59, 101092.

Kim SG, et al. (2025) Triflumizole induces excessive reactive oxygen species, inhibits the GPR30/PI3K/AKT pathway, and triggers apoptosis and autophagy in GC-1 spermatogonia cells. *Pesticide biochemistry and physiology*, 213, 106486.