

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

Caspase 3 antibody

RRID:AB_304243

Type: Antibody

Proper Citation

Abcam Cat# ab4051, RRID:AB_304243

Antibody Information

URL: http://antibodyregistry.org/AB_304243

Proper Citation: Abcam Cat# ab4051, RRID:AB_304243

Target Antigen: Caspase 3 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: Immunohistochemistry; Immunohistochemistry - frozen; Immunohistochemistry - fixed; IHC-Fr, IHC-P
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Caspase 3 antibody

Description: This polyclonal targets Caspase 3 antibody

Target Organism: monkey, rat, hamster, porcine, canine, cow, pig, mouse, bovine, human, dog, sheep

Antibody ID: AB_304243

Vendor: Abcam

Catalog Number: ab4051

Record Creation Time: 20250820T032835+0000

Record Last Update: 20250820T162117+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for Caspase 3 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Marangoz AH, et al. (2026) Effect of curcumin and Garcinia kola on the cerebellum of the transected sciatic nerve of the diabetic rats: glial and neuronal evidence. *Frontiers in neuroscience*, 20, 1758544.

Fan M, et al. (2026) Genistein-3'-sodium sulfonate improves neuroinflammation, blood-brain barrier function, and microglial activation after chronic cerebral hypoperfusion by regulating TGR5. *Metabolic brain disease*, 41(1).

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. *Cell reports. Medicine*, 6(12), 102478.

Kim JA, et al. (2022) Neuroprotective Effect of Macrophage Migration Inhibitory Factor (MIF) in a Mouse Model of Ischemic Stroke. *International journal of molecular sciences*, 23(13).

Kostka L, et al. (2022) Simultaneous Delivery of Doxorubicin and Protease Inhibitor Derivative to Solid Tumors via Star-Shaped Polymer Nanomedicines Overcomes P-gp- and STAT3-Mediated Chemoresistance. *Biomacromolecules*, 23(6), 2522.

Shayya HJ, et al. (2022) ER stress transforms random olfactory receptor choice into axon targeting precision. *Cell*, 185(21), 3896.

Cimmino I, et al. (2021) Interleukin 6 reduces vascular smooth muscle cell apoptosis via Prep1 and is associated with aging. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(11), e21989.

Baumgarten HD, et al. (2020) The EXTrauterine Environment for Neonatal Development Supports Normal Intestinal Maturation and Development. *Cellular and molecular gastroenterology and hepatology*, 10(3), 623.

O'Sullivan SA, et al. (2018) Sphingosine 1-phosphate receptors regulate TLR4-induced CXCL5 release from astrocytes and microglia. *Journal of neurochemistry*, 144(6), 736.

Wiebe JP, et al. (2010) Opposing actions of the progesterone metabolites, 5alpha-dihydroprogesterone (5alphaP) and 3alpha-dihydroprogesterone (3alphaHP) on mitosis, apoptosis, and expression of Bcl-2, Bax and p21 in human breast cell lines. *The Journal of*

steroid biochemistry and molecular biology, 118(1-2), 125.