

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

BACE (D10E5) Rabbit mAb

RRID:AB_1903900

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5606, RRID:AB_1903900

Antibody Information

URL: http://antibodyregistry.org/AB_1903900

Proper Citation: Cell Signaling Technology Cat# 5606, RRID:AB_1903900

Target Antigen: BACE (D10E5) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-F, IF-IC. Consolidation on 10/2018: AB_10484408, AB_10858876, AB_1903900.

Antibody Name: BACE (D10E5) Rabbit mAb

Description: This monoclonal targets BACE (D10E5) Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_1903900

Vendor: Cell Signaling Technology

Catalog Number: 5606

Record Creation Time: 20250820T052209+0000

Record Last Update: 20250820T212505+0000

Ratings and Alerts

No rating or validation information has been found for BACE (D10E5) Rabbit mAb.

No alerts have been found for BACE (D10E5) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Zhang Y, et al. (2025) Gamma-glutamyl transferase 5 overexpression in cerebrovascular endothelial cells improves brain pathology, cognition, and behavior in APP/PS1 mice. *Neural regeneration research*, 20(2), 533.

Bi D, et al. (2025) BACE1-dependent cleavage of GABAA receptor contributes to neural hyperexcitability and disease progression in Alzheimer's disease. *Neuron*, 113(7), 1051.

Luo M, et al. (2025) APP β -CTF triggers cell-autonomous synaptic toxicity independent of A β . *eLife*, 13.

Nie RZ, et al. (2025) Cholinergic G protein-coupled bile acid receptor 1 (TGR5/GPBA) in the medial septal orchestrates adult hippocampal neurogenesis and cognition in Alzheimer's disease mice. *British journal of pharmacology*.

Deng JL, et al. (2024) A new neuroprotective candidate TJ1 targeting amyloidogenesis in 5xFAD Alzheimer's disease mice. *International immunopharmacology*, 138, 112653.

Zhou J, et al. (2023) BACE1 regulates expression of Clusterin in astrocytes for enhancing clearance of β -amyloid peptides. *Molecular neurodegeneration*, 18(1), 31.

Jo KW, et al. (2022) Gossypetin ameliorates 5xFAD spatial learning and memory through enhanced phagocytosis against A β . *Alzheimer's research & therapy*, 14(1), 158.

Singh N, et al. (2022) BACE-1 inhibition facilitates the transition from homeostatic microglia to DAM-1. *Science advances*, 8(24), eabo1286.

Ortí-Casañ N, et al. (2022) A TNF receptor 2 agonist ameliorates neuropathology and improves cognition in an Alzheimer's disease mouse model. *Proceedings of the National Academy of Sciences of the United States of America*, 119(37), e2201137119.

Singh N, et al. (2022) Targeted BACE-1 inhibition in microglia enhances amyloid clearance and improved cognitive performance. *Science advances*, 8(29), eabo3610.

Brilkova M, et al. (2022) Error-prone protein synthesis recapitulates early symptoms of Alzheimer disease in aging mice. *Cell reports*, 40(13), 111433.

Zhang L, et al. (2021) BAD-mediated neuronal apoptosis and neuroinflammation contribute to Alzheimer's disease pathology. *iScience*, 24(9), 102942.

Wu Z, et al. (2020) Novel multifunctional iron chelators of the aroyl nicotinoyl hydrazone class that markedly enhance cellular NAD⁺ /NADH ratios. *British journal of pharmacology*,

177(9), 1967.

Hicks DA, et al. (2020) The cellular expression and proteolytic processing of the amyloid precursor protein is independent of TDP-43. *Bioscience reports*, 40(4).

da Luz MHM, et al. (2020) Sleep deprivation regulates availability of PrPC and A β peptides which can impair interaction between PrPC and laminin and neuronal plasticity. *Journal of neurochemistry*, 153(3), 377.

Lackie RE, et al. (2020) Increased levels of Stress-inducible phosphoprotein-1 accelerates amyloid- β deposition in a mouse model of Alzheimer's disease. *Acta neuropathologica communications*, 8(1), 143.

Elibol B, et al. (2020) Thymoquinone administration ameliorates Alzheimer's disease-like phenotype by promoting cell survival in the hippocampus of amyloid beta1-42 infused rat model. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 79, 153324.

Lee WJ, et al. (2019) Activation of peroxisome proliferator-activated receptor delta suppresses BACE1 expression by up-regulating SOCS1 in a JAK2/STAT1-dependent manner. *Journal of neurochemistry*, 151(3), 370.

Zhong Y, et al. (2019) Label-free distribution of anti-amyloid D-AIP in *Drosophila melanogaster*: prevention of A β 42-induced toxicity without side effects in transgenic flies. *Journal of neurochemistry*, 150(1), 74.

Liu L, et al. (2019) A cellular complex of BACE1 and γ -secretase sequentially generates A β from its full-length precursor. *The Journal of cell biology*, 218(2), 644.