

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

Cdk5 (J-3)

RRID:AB_627241

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-6247, RRID:AB_627241

Antibody Information

URL: http://antibodyregistry.org/AB_627241

Proper Citation: Santa Cruz Biotechnology Cat# sc-6247, RRID:AB_627241

Target Antigen: Cdk5 (J-3)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; Western Blot; ELISA; Immunoprecipitation; WB, IP, IF, ELISA

Antibody Name: Cdk5 (J-3)

Description: This monoclonal targets Cdk5 (J-3)

Target Organism: rat, mouse, human

Antibody ID: AB_627241

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-6247

Record Creation Time: 20250820T030226+0000

Record Last Update: 20250820T151116+0000

Ratings and Alerts

No rating or validation information has been found for Cdk5 (J-3).

No alerts have been found for Cdk5 (J-3).

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](#) .

Chu CH, et al. (2025) Nuclear paxillin functions as a molecular switch for alternative splicing in neurons during a critical period of brain development. The EMBO journal.

Eguchi T, et al. (2024) Calcium-binding protein 7 expressed in muscle negatively regulates age-related degeneration of neuromuscular junctions in mice. iScience, 27(2), 108997.

Kim A, et al. (2024) Cdk5 inhibition in the SOD1G93A transgenic mouse model of amyotrophic lateral sclerosis suppresses neurodegeneration and extends survival. Journal of neurochemistry, 168(9), 2908.

Vihma H, et al. (2024) Ube3a unsilencer for the potential treatment of Angelman syndrome. Nature communications, 15(1), 5558.

Liu GT, et al. (2022) Endosomal phosphatidylinositol 3-phosphate controls synaptic vesicle cycling and neurotransmission. The EMBO journal, 41(9), e109352.

Zhu XC, et al. (2022) Crry silencing alleviates Alzheimer's disease injury by regulating neuroinflammatory cytokines and the complement system. Neural regeneration research, 17(8), 1841.

Zhang X, et al. (2021) Amphiphysin I cleavage by asparagine endopeptidase leads to tau hyperphosphorylation and synaptic dysfunction. eLife, 10.

Kodani A, et al. (2020) Posterior Neocortex-Specific Regulation of Neuronal Migration by CEP85L Identifies Maternal Centriole-Dependent Activation of CDK5. Neuron, 106(2), 246.

Hu C, et al. (2020) CBX4 promotes the proliferation and metastasis via regulating BMI-1 in lung cancer. Journal of cellular and molecular medicine, 24(1), 618.

Hou TY, et al. (2020) Correcting abnormalities in miR-124/PTPN1 signaling rescues tau pathology in Alzheimer's disease. Journal of neurochemistry, 154(4), 441.