

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

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Cdk5 (J-3)

Description: This monoclonal targets CDK5

Target Organism: rat, mouse, human

Clone ID: J-3

Antibody ID: AB_627241

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-6247

Record Creation Time: 20250819T220649+0000

Record Last Update: 20250820T010857+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.

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

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.

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.