

Resource Summary Report

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

Akt3 (E1Z3W) Rabbit mAb

RRID:AB_2716311

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 14982, RRID:AB_2716311

Antibody Information

URL: http://antibodyregistry.org/AB_2716311

Proper Citation: Cell Signaling Technology Cat# 14982, RRID:AB_2716311

Target Antigen: Akt3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: Akt3 (E1Z3W) Rabbit mAb

Description: This monoclonal targets Akt3

Target Organism: rat, mouse, human

Defining Citation: [PMID:28152035](#)

Antibody ID: AB_2716311

Vendor: Cell Signaling Technology

Catalog Number: 14982

Record Creation Time: 20231110T033806+0000

Record Last Update: 20260829T160103+0000

Ratings and Alerts

No rating or validation information has been found for Akt3 (E1Z3W) Rabbit mAb.

No alerts have been found for Akt3 (E1Z3W) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Kang EM, et al. (2022) Downregulation of microRNA-124-3p promotes subventricular zone neural stem cell activation by enhancing the function of BDNF downstream pathways after traumatic brain injury in adult rats. *CNS neuroscience & therapeutics*, 28(7), 1081.

Zhang T, et al. (2021) Akt3-mTOR regulates hippocampal neurogenesis in adult mouse. *Journal of neurochemistry*, 159(3), 498.

Xiao J, et al. (2020) Targeting 7-Dehydrocholesterol Reductase Integrates Cholesterol Metabolism and IRF3 Activation to Eliminate Infection. *Immunity*, 52(1), 109.

Wong H, et al. (2020) Isoform-specific roles for AKT in affective behavior, spatial memory, and extinction related to psychiatric disorders. *eLife*, 9.

Levenga J, et al. (2017) AKT isoforms have distinct hippocampal expression and roles in synaptic plasticity. *eLife*, 6.