

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

NMDAR2B (D15B3) XP(tm) Rabbit mAb

RRID:AB_2112463

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4212, RRID:AB_2112463

Antibody Information

URL: http://antibodyregistry.org/AB_2112463

Proper Citation: Cell Signaling Technology Cat# 4212, RRID:AB_2112463

Target Antigen: GRIN2B

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: NMDAR2B (D15B3) XP(tm) Rabbit mAb

Description: This monoclonal targets GRIN2B

Target Organism: rat, mouse, human

Antibody ID: AB_2112463

Vendor: Cell Signaling Technology

Catalog Number: 4212

Record Creation Time: 20231110T050438+0000

Record Last Update: 20260901T030202+0000

Ratings and Alerts

No rating or validation information has been found for NMDAR2B (D15B3) XP(tm) Rabbit mAb.

No alerts have been found for NMDAR2B (D15B3) XP(tm) Rabbit mAb.

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 [dkNET](#) .

Sun C, et al. (2026) A unified framework combining linear and 3D molecular features for robust drug-protein interaction prediction. Cell reports methods, 6(2), 101304.

Yao M, et al. (2026) Autism-linked protein POSH balances NMDAR signaling via a self-limiting kinase-scaffold loop. iScience, 29(5), 115627.

Yao M, et al. (2022) POSH regulates assembly of the NMDAR/PSD-95/Shank complex and synaptic function. Cell reports, 39(1), 110642.

Li K, et al. (2020) Novel Multitarget Directed Tacrine Hybrids as Anti-Alzheimer's Compounds Improved Synaptic Plasticity and Cognitive Impairment in APP/PS1 Transgenic Mice. ACS chemical neuroscience, 11(24), 4316.

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.

Salek AB, et al. (2019) Spinophilin regulates phosphorylation and interactions of the GluN2B subunit of the N-methyl-d-aspartate receptor. Journal of neurochemistry, 151(2), 185.

Morel C, et al. (2018) JIP1-Mediated JNK Activation Negatively Regulates Synaptic Plasticity and Spatial Memory. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(15), 3708.

Kokubo M, et al. (2018) Early-life stress induces motor coordination dysfunction in adult mice. The journal of physiological sciences : JPS, 68(5), 663.

Wang S, et al. (2018) Sh3rf2 Haploinsufficiency Leads to Unilateral Neuronal Development Deficits and Autistic-Like Behaviors in Mice. Cell reports, 25(11), 2963.

Yajima H, et al. (2018) Early-life stress induces cognitive disorder in middle-aged mice. Neurobiology of aging, 64, 139.