

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Anti-PROX1, clone 4G10

RRID:AB_2170714

Type: Antibody

Proper Citation

Millipore Cat# MAB5654, RRID:AB_2170714

Antibody Information

URL: http://antibodyregistry.org/AB_2170714

Proper Citation: Millipore Cat# MAB5654, RRID:AB_2170714

Target Antigen: Prox1

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: western blot, immunohistochemistry

Antibody Name: Anti-PROX1, clone 4G10

Description: This monoclonal targets Prox1

Target Organism: chicken, rat, mouse, human

Antibody ID: AB_2170714

Vendor: Millipore

Catalog Number: MAB5654

Record Creation Time: 20231110T050018+0000

Record Last Update: 20260829T000655+0000

Ratings and Alerts

No rating or validation information has been found for Anti-PROX1, clone 4G10.

No alerts have been found for Anti-PROX1, clone 4G10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

McCrimmon CM, et al. (2025) Cortical versus hippocampal network dysfunction in a human brain assembloid model of epilepsy and intellectual disability. *Cell reports*, 116217.

Parylak SL, et al. (2023) Neuronal activity-related transcription is blunted in immature compared to mature dentate granule cells. *Hippocampus*, 33(4), 412.

Kim JY, et al. (2022) Mitigating Effect of Estrogen in Alzheimer's Disease-Mimicking Cerebral Organoid. *Frontiers in neuroscience*, 16, 816174.

Yoshihara S, et al. (2021) Betaine ameliorates schizophrenic traits by functionally compensating for KIF3-based CRMP2 transport. *Cell reports*, 35(2), 108971.

Yang CH, et al. (2020) Circuit Integration Initiation of New Hippocampal Neurons in the Adult Brain. *Cell reports*, 30(4), 959.

Jacob F, et al. (2020) Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. *Cell stem cell*, 27(6), 937.

Berg DA, et al. (2019) A Common Embryonic Origin of Stem Cells Drives Developmental and Adult Neurogenesis. *Cell*, 177(3), 654.

Breuss M, et al. (2015) The Expression of Tubb2b Undergoes a Developmental Transition in Murine Cortical Neurons. *The Journal of comparative neurology*, 523(15), 2161.