

Resource Summary Report

Generated by PRECISE-TBI on Aug 31, 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: 20250820T050130+0000

Record Last Update: 20250820T203444+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 [PRECISE-TBI](#) .

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.