

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

FOXP2 antibody

RRID:AB_2107107

Type: Antibody

Proper Citation

Abcam Cat# ab16046, RRID:AB_2107107

Antibody Information

URL: http://antibodyregistry.org/AB_2107107

Proper Citation: Abcam Cat# ab16046, RRID:AB_2107107

Target Antigen: Foxp2

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry, immunocytochemistry

Antibody Name: FOXP2 antibody

Description: This polyclonal targets Foxp2

Target Organism: mouse, human

Defining Citation: [PMID:19105198](#), [PMID:18972576](#)

Antibody ID: AB_2107107

Vendor: Abcam

Catalog Number: ab16046

Record Creation Time: 20250820T013959+0000

Record Last Update: 20250820T113221+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: AB-2B is available under ENCODE ID: ENCAB000AGQ - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000AGQ>

No alerts have been found for FOXP2 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Matthews EA, et al. (2025) RNA-programmable cell-type monitoring and manipulation in the human cortex with CellREADR. Cell reports, 44(8), 116037.

Mendelsohn AI, et al. (2025) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. Cell reports, 44(4), 115454.

Bokuli? E, et al. (2025) The expression of transcription factors in the human fetal subthalamic nucleus suggests its origin from the first hypothalamic prosomere. Brain structure & function, 230(2), 33.

Koene LMC, et al. (2025) Cellular and synaptic properties of molecularly defined neurons in the external globus pallidus. iScience, 28(8), 113002.

Sköld J, et al. (2025) Melanocortin 4 receptor-expressing neurons in the lateral stripe of the striatum regulate affect and motor control. iScience, 28(5), 112456.

Szewczyk B, et al. (2025) Activation of polo-like kinase 1 correlates with selective motor neuron vulnerability in familial ALS. Cell reports, 44(9), 116113.

Mendelsohn AI, et al. (2024) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. bioRxiv : the preprint server for biology.

Shin D, et al. (2024) Thalamocortical organoids enable in vitro modeling of 22q11.2 microdeletion associated with neuropsychiatric disorders. Cell stem cell, 31(3), 421.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Kaur S, et al. (2024) Lateral parabrachial FoxP2 neurons regulate respiratory responses to hypercapnia. Nature communications, 15(1), 4475.

Toma K, et al. (2024) Perivascular neurons instruct 3D vascular lattice formation via neurovascular contact. Cell, 187(11), 2767.

Hanes CM, et al. (2024) A C-terminal motif containing a PKC phosphorylation site regulates γ -Protocadherin-mediated dendrite arborization in the cerebral cortex in vivo. *Developmental neurobiology*, 84(3), 217.

Delpech C, et al. (2024) Axon guidance during mouse central nervous system regeneration is required for specific brain innervation. *Developmental cell*, 59(24), 3213.

Lee SCS, et al. (2024) Thorny and Tufted Retinal Ganglion Cells Express the Transcription Factor Forkhead Proteins Foxp1 and Foxp2 in Marmoset (*Callithrix jacchus*). *The Journal of comparative neurology*, 532(8), e25663.

Patton MH, et al. (2024) Synaptic plasticity in human thalamocortical assembloids. *Cell reports*, 43(8), 114503.

Shen C, et al. (2024) Bidirectional regulation of levodopa-induced dyskinesia by a specific neural ensemble in globus pallidus external segment. *Cell reports. Medicine*, 5(6), 101566.

Liu W, et al. (2023) PQBP1 regulates striatum development through balancing striatal progenitor proliferation and differentiation. *Cell reports*, 42(3), 112277.

Johansson Y, et al. (2023) Sensory processing in external globus pallidus neurons. *Cell reports*, 42(1), 111952.

Zheng X, et al. (2023) Preclinical long-term safety of intraspinal transplantation of human dorsal spinal GABA neural progenitor cells. *iScience*, 26(11), 108306.

Steffen DM, et al. (2023) A Unique Role for Protocadherin γ C3 in Promoting Dendrite Arborization through an Axin1-Dependent Mechanism. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(6), 918.