

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Histone H3 (phospho S28) antibody [HTA28]

RRID:AB_2295065

Type: Antibody

Proper Citation

Abcam Cat# ab10543, RRID:AB_2295065

Antibody Information

URL: http://antibodyregistry.org/AB_2295065

Proper Citation: Abcam Cat# ab10543, RRID:AB_2295065

Target Antigen: H3f3a

Host Organism: rat

Clonality: monoclonal

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

Antibody Name: Histone H3 (phospho S28) antibody [HTA28]

Description: This monoclonal targets H3f3a

Target Organism: cow, mouse, human

Antibody ID: AB_2295065

Vendor: Abcam

Catalog Number: ab10543

Record Creation Time: 20250819T225930+0000

Record Last Update: 20250820T035729+0000

Ratings and Alerts

No rating or validation information has been found for Histone H3 (phospho S28) antibody [HTA28].

No alerts have been found for Histone H3 (phospho S28) antibody [HTA28].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Ditzer N, et al. (2025) Epigenome profiling identifies H3K27me3 regulation of extracellular matrix composition in human corticogenesis. *Neuron*.

Schroder AL, et al. (2024) Quantifying differentiation of progenitor populations using cerebral organoid models for neurodevelopmental disorders. *STAR protocols*, 5(1), 102904.

Lu D, et al. (2024) ESCRT-I protein UBAP1 controls ventricular expansion and cortical neurogenesis via modulating adherens junctions of radial glial cells. *Cell reports*, 43(3), 113818.

Cubillos P, et al. (2024) The growth factor EPIREGULIN promotes basal progenitor cell proliferation in the developing neocortex. *The EMBO journal*, 43(8), 1388.

Rakotomamonjy J, et al. (2023) PCDH12 loss results in premature neuronal differentiation and impeded migration in a cortical organoid model. *Cell reports*, 42(8), 112845.

Lago C, et al. (2023) Medulloblastoma and high-grade glioma organoids for drug screening, lineage tracing, co-culture and in vivo assay. *Nature protocols*.

Van Heurck R, et al. (2023) CROCCP2 acts as a human-specific modifier of cilia dynamics and mTOR signaling to promote expansion of cortical progenitors. *Neuron*, 111(1), 65.

Keeley PW, et al. (2023) Nfia Is Critical for All Amacrine Cell Production: Selective Bipolar Cell Dependencies and Diminished ERG. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(49), 8367.

Fessé P, et al. (2022) Human cutaneous interfollicular melanocytes differentiate temporarily under genotoxic stress. *iScience*, 25(10), 105238.

Xing L, et al. (2021) Expression of human-specific ARHGAP11B in mice leads to neocortex expansion and increased memory flexibility. *The EMBO journal*, 40(13), e107093.

Chai G, et al. (2021) Mutations in Spliceosomal Genes PPIL1 and PRP17 Cause Neurodegenerative Pontocerebellar Hypoplasia with Microcephaly. *Neuron*, 109(2), 241.

Pogodalla N, et al. (2021) Drosophila β Heavy-Spectrin is required in polarized ensheathing glia that form a diffusion-barrier around the neuropil. *Nature communications*,

12(1), 6357.

Turrero García M, et al. (2021) Transcriptional profiling of sequentially generated septal neuron fates. *eLife*, 10.

Xing L, et al. (2020) Serotonin Receptor 2A Activation Promotes Evolutionarily Relevant Basal Progenitor Proliferation in the Developing Neocortex. *Neuron*, 108(6), 1113.

Nerli E, et al. (2020) Asymmetric neurogenic commitment of retinal progenitors involves Notch through the endocytic pathway. *eLife*, 9.

Namba T, et al. (2020) Human-Specific ARHGAP11B Acts in Mitochondria to Expand Neocortical Progenitors by Glutaminolysis. *Neuron*, 105(5), 867.

Kosakamoto H, et al. (2020) Local Necrotic Cells Trigger Systemic Immune Activation via Gut Microbiome Dysbiosis in *Drosophila*. *Cell reports*, 32(3), 107938.

Liu AW, et al. (2020) H3S28P Antibody Staining of Okinawan *Oikopleura dioica* Suggests the Presence of Three Chromosomes. *F1000Research*, 9, 780.

Huang JY, et al. (2020) Enhanced FGFR3 activity in postmitotic principal neurons during brain development results in cortical dysplasia and axonal tract abnormality. *Scientific reports*, 10(1), 18508.

Journiac N, et al. (2020) Cell Metabolic Alterations due to *Mcph1* Mutation in Microcephaly. *Cell reports*, 31(2), 107506.