

Resource Summary Report

Generated by [RRID](#) on Aug 6, 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: 20250820T000339+0000

Record Last Update: 20250820T071514+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 [RRID](#) .

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.

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

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.

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.