Resource Summary Report

Generated by NIF on Sep 12, 2026

Anti-HOPX antibody produced in rabbit

RRID:AB_10603770
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA030180, RRID:AB_10603770

Antibody Information

URL: http://antibodyregistry.org/AB_10603770

Proper Citation: Sigma-Aldrich Cat# HPA030180, RRID:AB_10603770

Target Antigen: HOPX antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Immunohistochemistry; Other; protein array: suitable, immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable

Antibody Name: Anti-HOPX antibody produced in rabbit

Description: This polyclonal targets HOPX antibody produced in rabbit

Target Organism: human

Antibody ID: AB_10603770

Vendor: Sigma-Aldrich

Catalog Number: HPA030180

Record Creation Time: 20231110T071326+0000

Record Last Update: 20260901T001102+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas https://www.proteinatlas.org/search/HPA030180

No alerts have been found for Anti-HOPX antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Mosti F, et al. (2026) Species-specific chromatin architecture and neurogenesis mediated by a human enhancer. Cell stem cell, 33(4), 695.

Glass MR, et al. (2026) Human cortical organoids recapitulate inter-individual variability in infant brain-growth trajectories. Cell stem cell, 33(1), 142.

Pan T, et al. (2025) Delayed forebrain excitatory and inhibitory neurogenesis in STRADA-related megalencephaly via mTOR hyperactivity. bioRxiv : the preprint server for biology.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. Cell reports. Medicine, 6(3), 101986.

Glass MR, et al. (2025) Early cell cycle genes in cortical organoid progenitors predict interindividual variability in infant brain growth trajectories. bioRxiv : the preprint server for biology.

Nieto-Estevez V, et al. (2025) Dual developmental effects of ARX poly-alanine mutations on human cortical excitatory and inhibitory neurons. Cell reports, 45(1), 116746.

Yu H, et al. (2024) A human fetal cerebellar map of the late second trimester reveals developmental molecular characteristics and abnormality in trisomy 21. Cell reports, 43(8), 114586.

Yao J, et al. (2024) Deciphering molecular heterogeneity and dynamics of human hippocampal neural stem cells at different ages and injury states. eLife, 12.

Walsh RM, et al. (2024) Generation of human cerebral organoids with a structured outer subventricular zone. Cell reports, 43(4), 114031.

Chioccioli M, et al. (2024) Stem cell migration drives lung repair in living mice. Developmental cell.

Luongo R, et al. (2024) Protocol for generating human cortical organoids enriched in outer radial glia by guided differentiation. STAR protocols, 5(3), 103280.

Liu DD, et al. (2023) Purification and characterization of human neural stem and progenitor cells. Cell, 186(6), 1179.

Fischer J, et al. (2022) Human-specific ARHGAP11B ensures human-like basal progenitor levels in hominid cerebral organoids. EMBO reports, 23(11), e54728.

Zhou X, et al. (2022) Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. Cell stem cell, 29(2), 328.

Uzquiano A, et al. (2022) Proper acquisition of cell class identity in organoids allows definition of fate specification programs of the human cerebral cortex. Cell, 185(20), 3770.

Fu Y, et al. (2021) Heterogeneity of glial progenitor cells during the neurogenesis-to-gliogenesis switch in the developing human cerebral cortex. Cell reports, 34(9), 108788.

Ou MY, et al. (2021) The CTNNBIP1-CLSTN1 fusion transcript regulates human neocortical development. Cell reports, 35(13), 109290.

Shao W, et al. (2020) Centrosome anchoring regulates progenitor properties and cortical formation. Nature, 580(7801), 106.

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

Matsumoto N, et al. (2020) A discrete subtype of neural progenitor crucial for cortical folding in the gyrencephalic mammalian brain. eLife, 9.