

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

Anti-HOPX polyclonal antibody

RRID:AB_10603770

Type: Antibody

Proper Citation

Atlas Antibodies Cat# HPA030180, RRID:AB_10603770

Antibody Information

URL: http://antibodyregistry.org/AB_10603770

Proper Citation: Atlas Antibodies Cat# HPA030180, RRID:AB_10603770

Target Antigen: HOPX

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product. Applications: IHC. Orthogonal validation of protein expression using IHC by comparison to RNA-seq data of corresponding target in high and low expression tissues. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

Antibody Name: Anti-HOPX polyclonal antibody

Description: This polyclonal targets HOPX

Target Organism: human

Antibody ID: AB_10603770

Vendor: Atlas Antibodies

Catalog Number: HPA030180

Record Creation Time: 20250820T033813+0000

Record Last Update: 20250820T164711+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 polyclonal antibody.

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.

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

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

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.