

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

Mouse KLF4 Antibody

RRID:AB_2130245

Type: Antibody

Proper Citation

R and D Systems Cat# AF3158, RRID:AB_2130245

Antibody Information

URL: http://antibodyregistry.org/AB_2130245

Proper Citation: R and D Systems Cat# AF3158, RRID:AB_2130245

Target Antigen: KLF4

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Immunocytochemistry

Antibody Name: Mouse KLF4 Antibody

Description: This polyclonal targets KLF4

Target Organism: Mouse

Antibody ID: AB_2130245

Vendor: R and D Systems

Catalog Number: AF3158

Alternative Catalog Numbers: AF3158-SP

Record Creation Time: 20250820T025611+0000

Record Last Update: 20250820T145427+0000

Ratings and Alerts

No rating or validation information has been found for Mouse KLF4 Antibody.

No alerts have been found for Mouse KLF4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Berdugo-Vega G, et al. (2026) Cognitive rejuvenation through partial reprogramming of engram cells. *Neuron*, 114(6), 1102.

Izzo LT, et al. (2026) KLF4 Promotes a KRT13+ Hillock-Like State in Lung Squamous Cell Carcinoma. *Cancer research*.

Medina-Cano D, et al. (2025) A mouse organoid platform for modeling cerebral cortex development and cis-regulatory evolution in vitro. *Developmental cell*.

Adkins-Threats M, et al. (2024) Metabolic regulator ERR γ governs gastric stem cell differentiation into acid-secreting parietal cells. *Cell stem cell*, 31(6), 886.

Sun Z, et al. (2023) Chromatin regulation of transcriptional enhancers and cell fate by the Sotos syndrome gene NSD1. *Molecular cell*, 83(14), 2398.

Falvo DJ, et al. (2023) A reversible epigenetic memory of inflammatory injury controls lineage plasticity and tumor initiation in the mouse pancreas. *Developmental cell*, 58(24), 2959.

Bharadhwaj RA, et al. (2023) Long noncoding RNA TUG1 regulates smooth muscle cell differentiation via KLF4-myocardin axis. *American journal of physiology. Cell physiology*, 325(4), C940.

Sato S, et al. (2023) The circadian clock CRY1 regulates pluripotent stem cell identity and somatic cell reprogramming. *Cell reports*, 42(6), 112590.

Yang JH, et al. (2023) Loss of epigenetic information as a cause of mammalian aging. *Cell*, 186(2), 305.

Zhang Y, et al. (2023) Genetic reporter for live tracing fluid flow forces during cell fate segregation in mouse blastocyst development. *Cell stem cell*, 30(8), 1110.

Oksuz O, et al. (2023) Transcription factors interact with RNA to regulate genes. *Molecular cell*, 83(14), 2449.

Dai Z, et al. (2022) Role of pericytes in the development of cerebral cavernous malformations. *iScience*, 25(12), 105642.

Hishida T, et al. (2022) In vivo partial cellular reprogramming enhances liver plasticity and regeneration. *Cell reports*, 39(4), 110730.

Barbacena P, et al. (2022) Competition for endothelial cell polarity drives vascular morphogenesis in the mouse retina. *Developmental cell*, 57(19), 2321.

Bayerl J, et al. (2021) Principles of signaling pathway modulation for enhancing human naive pluripotency induction. *Cell stem cell*, 28(9), 1549.

Liu Y, et al. (2021) AMPK activation reverts mouse epiblast stem cells to naive state. *iScience*, 24(7), 102783.

Tian TV, et al. (2021) Uncovering Sequence-Specific Transcription Factors Interacting with TET2. *Methods in molecular biology* (Clifton, N.J.), 2272, 239.

Huang S, et al. (2021) Lgr6 marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. *Cell stem cell*, 28(9), 1582.

Yu L, et al. (2021) Derivation of Intermediate Pluripotent Stem Cells Amenable to Primordial Germ Cell Specification. *Cell stem cell*, 28(3), 550.

Bustos F, et al. (2020) Functional Diversification of SRSF Protein Kinase to Control Ubiquitin-Dependent Neurodevelopmental Signaling. *Developmental cell*, 55(5), 629.