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? 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.

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

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.

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.

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

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.