Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

RUNX2 (D1L7F)

RRID:AB_2732805 Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12556, RRID:AB_2732805)

Antibody Information

URL: http://antibodyregistry.org/AB_2732805

Proper Citation: (Cell Signaling Technology Cat# 12556, RRID:AB_2732805)

Target Antigen: RUNX2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F, ChIP, ChIP-seq

Antibody Name: RUNX2 (D1L7F)

Description: This monoclonal targets RUNX2

Target Organism: rat, mouse, human

Antibody ID: AB_2732805

Vendor: Cell Signaling Technology

Catalog Number: 12556

Record Creation Time: 20231110T033606+0000

Record Last Update: 20240725T061653+0000

Ratings and Alerts

No rating or validation information has been found for RUNX2 (D1L7F).

No alerts have been found for RUNX2 (D1L7F).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhou W, et al. (2025) Chromatin-site-specific accessibility: A microtopography-regulated door into the stem cell fate. Cell reports, 44(1), 115106.

Wu D, et al. (2024) The BET PROTAC inhibitor GNE-987 displays anti-tumor effects by targeting super-enhancers regulated gene in osteosarcoma. BMC cancer, 24(1), 928.

Yang R, et al. (2024) BMP signaling maintains auricular chondrocyte identity and prevents microtia development by inhibiting protein kinase A. eLife, 12.

Bevill SM, et al. (2023) Impact of supraphysiologic MDM2 expression on chromatin networks and therapeutic responses in sarcoma. Cell genomics, 3(7), 100321.

Sun N, et al. (2023) Human microglial state dynamics in Alzheimer's disease progression. Cell, 186(20), 4386.

Rose KP, et al. (2023) Spatially distinct otic mesenchyme cells show molecular and functional heterogeneity patterns before hearing onset. iScience, 26(10), 107769.

Tang Y, et al. (2022) Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. Developmental cell, 57(4), 480.

Han X, et al. (2021) Runx2-Twist1 interaction coordinates cranial neural crest guidance of soft palate myogenesis. eLife, 10.

Yu M, et al. (2021) Cranial Suture Regeneration Mitigates Skull and Neurocognitive Defects in Craniosynostosis. Cell, 184(1), 243.

Shi Y, et al. (2021) Gli1+ progenitors mediate bone anabolic function of teriparatide via Hh and Igf signaling. Cell reports, 36(7), 109542.

Tu S, et al. (2020) LncRNA CALB2 sponges miR-30b-3p to promote odontoblast differentiation of human dental pulp stem cells via up-regulating RUNX2. Cellular signalling, 73, 109695.

LaFave LM, et al. (2020) Epigenomic State Transitions Characterize Tumor Progression in Mouse Lung Adenocarcinoma. Cancer cell, 38(2), 212.

Zhou Y, et al. (2020) Melatonin up-regulates bone marrow mesenchymal stem cells osteogenic action but suppresses their mediated osteoclastogenesis via MT2 -inactivated NF-?B pathway. British journal of pharmacology, 177(9), 2106.

Pavlova NN, et al. (2020) Translation in amino-acid-poor environments is limited by tRNAGIn charging. eLife, 9.

Chen S, et al. (2020) Runx2+ Niche Cells Maintain Incisor Mesenchymal Tissue Homeostasis through IGF Signaling. Cell reports, 32(6), 108007.

Collins PL, et al. (2019) Gene Regulatory Programs Conferring Phenotypic Identities to Human NK Cells. Cell, 176(1-2), 348.

Sun W, et al. (2019) The mechanosensitive Piezo1 channel is required for bone formation. eLife, 8.

Li Z, et al. (2019) Mitochondrial Phosphoenolpyruvate Carboxykinase Regulates Osteogenic Differentiation by Modulating AMPK/ULK1-Dependent Autophagy. Stem cells (Dayton, Ohio), 37(12), 1542.

Severe N, et al. (2019) Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. Cell stem cell, 25(4), 570.

Volk A, et al. (2018) A CHAF1B-Dependent Molecular Switch in Hematopoiesis and Leukemia Pathogenesis. Cancer cell, 34(5), 707.