Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Anti-alpha smooth muscle Actin antibody

RRID:AB_2223021
Type: Antibody

Proper Citation

(Abcam Cat# ab5694, RRID:AB_2223021)

Antibody Information

URL: http://antibodyregistry.org/AB_2223021

Proper Citation: (Abcam Cat# ab5694, RRID:AB_2223021)

Target Antigen: alpha smooth muscle Actin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IHC-P

Antibody Name: Anti-alpha smooth muscle Actin antibody

Description: This polyclonal targets alpha smooth muscle Actin

Target Organism: mouse, human

Defining Citation: PMID:22678627

Antibody ID: AB_2223021

Vendor: Abcam

Catalog Number: ab5694

Record Creation Time: 20241017T004918+0000

Record Last Update: 20241017T024519+0000

Ratings and Alerts

- Used by Campbell-Thompson for paraffin and fresh frozen staining protocols for human pancreatic islets. - Campbell-Thompson et al, 2012 https://dx.doi.org/10.3791/4068

No alerts have been found for Anti-alpha smooth muscle Actin antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 267 mentions in open access literature.

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

Li B, et al. (2025) Generation of an induced pluripotent stem cell (iPSC) line (INNDSUi007-A) from a patient with Kennedy disease. Stem cell research, 82, 103638.

Bennett HC, et al. (2024) Aging drives cerebrovascular network remodeling and functional changes in the mouse brain. Nature communications, 15(1), 6398.

Ofrim M, et al. (2024) Characterization of two human induced pluripotent stem cell lines derived from Batten disease patient fibroblasts harbouring CLN5 mutations. Stem cell research, 74, 103291.

Hutchenreuther J, et al. (2024) Cancer-associated Fibroblast-specific Expression of the Matricellular Protein CCN1 Coordinates Neovascularization and Stroma Deposition in Melanoma Metastasis. Cancer research communications, 4(2), 556.

Balasubramanian R, et al. (2024) Transcriptomic profiling of Schlemm's canal cells reveals a lymphatic-biased identity and three major cell states. eLife, 13.

Tan Z, et al. (2024) Progenitor-like cells contributing to cellular heterogeneity in the nucleus pulposus are lost in intervertebral disc degeneration. Cell reports, 43(6), 114342.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. Cancer research, 84(4), 527.

Yan S, et al. (2024) Ibrutinib-induced pulmonary angiotensin-converting enzyme activation promotes atrial fibrillation in rats. iScience, 27(2), 108926.

Mendonca D, et al. (2024) Generation of five induced pluripotent stem cell lines from patients with MECP2 Duplication Syndrome. Stem cell research, 74, 103292.

Moe AAK, et al. (2024) Investigation of vagal sensory neurons in mice using optical vagal stimulation and tracheal neuroanatomy. iScience, 27(3), 109182.

Shi Z, et al. (2024) The Notch-PDGFR? axis suppresses brown adipocyte progenitor differentiation in early post-natal mice. Developmental cell, 59(10), 1233.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8+ T cells via JAK2/STAT3 pathway. Cell genomics, 4(10), 100659.

Kang SH, et al. (2024) Differential effect of cancer-associated fibroblast-derived extracellular vesicles on cisplatin resistance in oral squamous cell carcinoma via miR-876-3p. Theranostics, 14(2), 460.

Bandyopadhyay S, et al. (2024) Mapping the cellular biogeography of human bone marrow niches using single-cell transcriptomics and proteomic imaging. Cell, 187(12), 3120.

Sirisereephap K, et al. (2024) A novel macrolide-Del-1 axis to regenerate bone in old age. iScience, 27(2), 108798.

King NE, et al. (2024) Induced pluripotent stem cell derived pericytes respond to mediators of proliferation and contractility. Stem cell research & therapy, 15(1), 59.

Carabaña C, et al. (2024) Spatially distinct epithelial and mesenchymal cell subsets along progressive lineage restriction in the branching embryonic mammary gland. The EMBO journal, 43(12), 2308.

Yonemura A, et al. (2024) Mesothelial cells with mesenchymal features enhance peritoneal dissemination by forming a protumorigenic microenvironment. Cell reports, 43(1), 113613.

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. FASEB bioAdvances, 6(6), 159.

Foley K, et al. (2024) SMAD4 and KCNQ3 alterations are associated with lymph node metastases in oesophageal adenocarcinoma. Biochimica et biophysica acta. Molecular basis of disease, 1870(1), 166867.