

Resource Summary Report

Generated by RRID on Aug 3, 2026

Oct4 antibody

RRID:AB_444714

Type: Antibody

Proper Citation

Abcam Cat# ab18976, RRID:AB_444714

Antibody Information

URL: http://antibodyregistry.org/AB_444714

Proper Citation: Abcam Cat# ab18976, RRID:AB_444714

Target Antigen: Oct4 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cyt, ICC/IF, IHC-Fr, IHC-P, IP, WB; Flow Cytometry; Western Blot; Immunohistochemistry; Immunoprecipitation; Immunohistochemistry - frozen; Immunocytochemistry; Immunohistochemistry - fixed; Immunofluorescence

Antibody Name: Oct4 antibody

Description: This polyclonal targets Oct4 antibody

Target Organism: rat, porcine, cow, pig, mouse, bovine, human

Antibody ID: AB_444714

Vendor: Abcam

Catalog Number: ab18976

Record Creation Time: 20250819T205221+0000

Record Last Update: 20250819T210602+0000

Ratings and Alerts

No rating or validation information has been found for Oct4 antibody.

No alerts have been found for Oct4 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 63 mentions in open access literature.

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

Surendran H, et al. (2025) Generation of a human induced pluripotent stem cell (iPSC) line ERPLi004-A from an Alpha-1 antitrypsin deficiency (AATD) patient with SERPINA1 mutation. Stem cell research, 83, 103664.

Wang Y, et al. (2025) Generation of a human iPSC line (BTHBIOi001-A) from a retinitis pigmentosa patient with CNGA1 gene mutation. Stem cell research, 87, 103798.

Wang J, et al. (2025) Generation of RB1 knockout human embryonic stem cell lines derived from H9 using CRISPR/Cas9. Stem cell research, 90, 103897.

Zerad L, et al. (2025) Generation of two iPSC lines from patients with Aicardi-Goutières syndrome carrying either biallelic ADAR1 mutations (PC138) or a heterozygous IFIH1 mutation (PC139). Stem cell research, 89, 103873.

Liu H, et al. (2024) RAD21 deficiency drives corneal to scleral differentiation fate switching via upregulating WNT9B. iScience, 27(6), 109875.

Wang L, et al. (2024) An integration-free induced pluripotent stem cell line from a 42-year-old female donor with the APOE- ϵ 2/ ϵ 2 allele. Stem cell research, 80, 103506.

Yarkova ES, et al. (2024) Detection of ER Stress in iPSC-Derived Neurons Carrying the p.N370S Mutation in the GBA1 Gene. Biomedicines, 12(4).

Li Y, et al. (2024) Generation of ID1/3 knockout human embryonic stem cell lines (WAe009-A-2A and WAe009-A-2B) derived from H9 using CRISPR/Cas9. Stem cell research, 81, 103569.

Cao S, et al. (2023) Induced human pluripotent stem cells (HEBHMUi013-A) derived from a patient of sporadic Alzheimer's disease. Stem cell research, 68, 103052.

Kondrateva E, et al. (2023) Generation of induced pluripotent stem cell line (RCMGi012-A) from fibroblasts of patient with mucopolysaccharidosis type VI. Stem cell research, 73, 103259.

Alkobtawi M, et al. (2023) Two induced pluripotent stem cell (iPSC) lines derived from patients affected by Waardenburg syndrome type 1 retain potential to activate neural crest

markers. Stem cell research, 69, 103074.

Zhang M, et al. (2023) Human induced pluripotent stem cell (iPSC) line (HEBHMUi014-A) derived from a patient with Alzheimer's disease. Stem cell research, 69, 103116.

Koppel SJ, et al. (2023) γ -Hydroxybutyrate preferentially enhances neuron over astrocyte respiration while signaling cellular quiescence. Mitochondrion, 68, 125.

Kondrateva E, et al. (2023) Generation of induced pluripotent stem cell line (RCMGi009-A) from urine cells of patient with fibrodysplasia ossificans progressiva. Stem cell research, 70, 103133.

Panchuk IO, et al. (2023) Generation of two iPSC lines from patient with Mucopolysaccharidosis IV B type and autosomal recessive non-syndromic hearing loss 12. Stem cell research, 71, 103183.

Guo R, et al. (2022) Integration-free induced pluripotent stem cell line derived from a 62-years-old male donor with APOE-epsilon4/epsilon4 alleles. Stem cell research, 61, 102746.

Liang Q, et al. (2022) Essential role of MESP1-RING1A complex in cardiac differentiation. Developmental cell, 57(22), 2533.

Li S, et al. (2022) Establishment of induced pluripotent stem cell line (ZZUi033-A) of a male with a novel L1CAM missense mutation. Stem cell research, 59, 102663.

Cao S, et al. (2022) Human induced pluripotent stem cells generated from a 45-years-old male donor of type 2 diabetes mellitus with APOE-epsilon3/epsilon3 alleles. Stem cell research, 63, 102840.

Panchuk I, et al. (2022) Generation of two induced pluripotent stem cell lines (RCMGi005-A/B) from human skin fibroblasts of a cystic fibrosis patient with homozygous F508del mutation in CFTR gene. Stem cell research, 64, 102896.