Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

Human/Mouse Brachyury Antibody

RRID:AB_2200235
Type: Antibody

Proper Citation

(R and D Systems Cat# AF2085, RRID:AB_2200235)

Antibody Information

URL: http://antibodyregistry.org/AB_2200235

Proper Citation: (R and D Systems Cat# AF2085, RRID:AB_2200235)

Target Antigen: Brachyury

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Intracellular Staining by Flow Cytometry, Chromatin Immunoprecipitation (ChIP), Immunocytochemistry

Antibody Name: Human/Mouse Brachyury Antibody

Description: This polyclonal targets Brachyury

Target Organism: Human, Mouse

Antibody ID: AB_2200235

Vendor: R and D Systems

Catalog Number: AF2085

Alternative Catalog Numbers: AF2085-SP

Record Creation Time: 20241016T224957+0000

Record Last Update: 20241016T233502+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse Brachyury Antibody.

Warning: We observed high levels of non-specific antibody staining, including for BRACHYURY and N-CADHERIN in the Rreb1-/- VE. Such non-specific staining is often observed in the VE of wild-type embryos prior to intercalation of the DE (Kwon et al., 2008; Morgani et al., 2018a), which has ben attributed to its extensive vacuolation. Thus, we hypothesized that there may be defects in DE intercalation in mutant embryos.
Applications: Western Blot, Immunohistochemistry, Intracellular Staining by Flow Cytometry, Chromatin Immunoprecipitation (ChIP), Immunocytochemistry

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 219 mentions in open access literature.

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

Ross Tacco I, et al. (2025) Generation and characterization of three induced pluripotent stem cell lines for modeling coronary artery vasospasm. Stem cell research, 82, 103644.

Ishikawa KI, et al. (2024) Generation of three clones (JUCGRMi002-A, B, C) of induced pluripotent stem cells from a Parkinson's disease patient with SNCA duplication. Stem cell research, 74, 103296.

Ishikawa KI, et al. (2024) Generation of hiPSCs (JUCGRMi003-A) from a patient with Parkinson's disease with PARK2 mutation. Stem cell research, 76, 103323.

Camacho-Aguilar E, et al. (2024) Combinatorial interpretation of BMP and WNT controls the decision between primitive streak and extraembryonic fates. Cell systems, 15(5), 445.

Dai Y, et al. (2024) Generation of two induced pluripotent stem cell lines from patients with Williams syndrome. Stem cell research, 78, 103460.

Bianchini L, et al. (2024) Generation of two isogenic patient-derived human-induced pluripotent stem cell clones with 6q27 deletion. Stem cell research, 80, 103524.

Lei Q, et al. (2024) Establishing a human-induced pluripotent stem cell line (SMUSHi003-A) from a patient with Charcot-Marie-Tooth disease and focal segmental glomerulosclerosis. Stem cell research, 76, 103357.

Lehr S, et al. (2024) Self-organized pattern formation in the developing mouse neural tube by a temporal relay of BMP signaling. Developmental cell.

Ishikawa KI, et al. (2024) Generation of a control iPS cell line (JUCGRMi005-A) with no abnormalities in Parkinson's disease-related genes. Stem cell research, 74, 103271.

Li X, et al. (2024) Establishing a human-induced pluripotent stem cell line SMUSHi005-A from a patient with hypophosphatemic vitamin D-resistant rickets carrying the PHEX c.1586-1586+1 delAG mutation. Stem cell research, 77, 103439.

Chadarevian JP, et al. (2024) Therapeutic potential of human microglia transplantation in a chimeric model of CSF1R-related leukoencephalopathy. Neuron, 112(16), 2686.

Tsujimoto H, et al. (2024) Selective induction of human renal interstitial progenitor-like cell lineages from iPSCs reveals development of mesangial and EPO-producing cells. Cell reports, 43(2), 113602.

Tang M, et al. (2024) Generation of a human induced pluripotent stem cell line (SMUSHi002-A) from an ALS patient carrying a heterozygous mutation c.1562G > A in the FUS gene. Stem cell research, 74, 103286.

Hanley M, et al. (2024) Characterization of an induced pluripotent stem cell line (NCHi013-A) from a 5-year-old male with pulmonary atresia with intact ventricular septum and a biventricular repair. Stem cell research, 80, 103526.

Qin H, et al. (2024) Generation of an induced pluripotent stem cell line (NCHi016-A) from a 5-year-old female with pulmonary atresia with intact ventricular septum and one-and-half ventricle palliation. Stem cell research, 80, 103530.

Rosa VS, et al. (2024) Protocol for generating a 3D culture of epiblast stem cells. STAR protocols, 5(4), 103347.

Mullen M, et al. (2024) Generation of two induced pluripotent stem cell lines from healthy patients of African American ancestry. Stem cell research, 76, 103322.

Höpperger S, et al. (2024) Generation of the human induced pluripotent stem cell line (IBKMOLi003-A) from PBMCs of a vascular Ehlers-Danlos syndrome (vEDS) patient carrying the heterozygous nonsense mutation c.430C > T (p.Q105*) in the COL3A1 gene. Stem cell research, 75, 103321.

Garg V, et al. (2024) Single-cell analysis of bidirectional reprogramming between early embryonic states identify mechanisms of differential lineage plasticities in mice. Developmental cell.

Gao J, et al. (2024) Generation of two familial hypercholesterolemia patient-specific induced pluripotent stem cell lines harboring heterozygous mutations in the LDLR gene. Stem cell research, 78, 103463.