

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

Human NKX2.5 Antibody

RRID:AB_355269

Type: Antibody

Proper Citation

R and D Systems Cat# AF2444, RRID:AB_355269

Antibody Information

URL: http://antibodyregistry.org/AB_355269

Proper Citation: R and D Systems Cat# AF2444, RRID:AB_355269

Target Antigen: NKX2.5

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry

Antibody Name: Human NKX2.5 Antibody

Description: This polyclonal targets NKX2.5

Target Organism: Human

Antibody ID: AB_355269

Vendor: R and D Systems

Catalog Number: AF2444

Alternative Catalog Numbers: AF2444-SP

Record Creation Time: 20250820T050449+0000

Record Last Update: 20250820T204401+0000

Ratings and Alerts

No rating or validation information has been found for Human NKX2.5 Antibody.

No alerts have been found for Human NKX2.5 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhang J, et al. (2023) Novel enhancers conferring compensatory transcriptional regulation of Nkx2-5 in heart development. *iScience*, 26(4), 106509.

Schmidt C, et al. (2023) Multi-chamber cardioids unravel human heart development and cardiac defects. *Cell*, 186(25), 5587.

He Z, et al. (2023) Generation of a human embryonic stem cell line (SKLRMe004-A) carrying NKX2.5-EGFP and TBX5-Tdtomato dual fluorescent reporters. *Stem cell research*, 67, 103015.

Ng WH, et al. (2022) Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. *eLife*, 11.

Amadei G, et al. (2022) Embryo??model completes gastrulation to neurulation and organogenesis. *Nature*, 610(7930), 143.

Lau KYC, et al. (2022) Mouse embryo model derived exclusively from embryonic stem cells undergoes neurulation and heart development. *Cell stem cell*, 29(10), 1445.

Wang Q, et al. (2019) CoBATCH for High-Throughput Single-Cell Epigenomic Profiling. *Molecular cell*, 76(1), 206.

Lee J, et al. (2018) SETD7 Drives Cardiac Lineage Commitment through Stage-Specific Transcriptional Activation. *Cell stem cell*, 22(3), 428.