Resource Summary Report

Generated by NIF on Sep 17, 2026

Human/Mouse Aldehyde Dehydrogenase 1-A1/ ALDH1A1 Antibody

RRID:AB_2044597
Type: Antibody

Proper Citation

R and D Systems Cat# AF5869, RRID:AB_2044597

Antibody Information

URL: http://antibodyregistry.org/AB_2044597

Proper Citation: R and D Systems Cat# AF5869, RRID:AB_2044597

Target Antigen: Aldehyde Dehydrogenase 1-A1/ALDH1A1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry

Antibody Name: Human/Mouse Aldehyde Dehydrogenase 1-A1/ ALDH1A1 Antibody

Description: This polyclonal targets Aldehyde Dehydrogenase 1-A1/ALDH1A1

Target Organism: Human, Mouse

Antibody ID: AB_2044597

Vendor: R and D Systems

Catalog Number: AF5869

Alternative Catalog Numbers: AF5869-SP

Record Creation Time: 20231110T072054+0000

Record Last Update: 20260901T043659+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse Aldehyde Dehydrogenase 1-A1/ ALDH1A1 Antibody.

No alerts have been found for Human/Mouse Aldehyde Dehydrogenase 1-A1/ ALDH1A1 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Jeon J, et al. (2025) Pre-clinical safety and efficacy of human induced pluripotent stem cell-derived products for autologous cell therapy in Parkinson's disease. Cell stem cell, 32(3), 343.

Stojanovic S, et al. (2025) Rebound Bursting Selectively Enables Fast Dynamics in Dopamine Midbrain Neurons Projecting to the Dorsolateral Striatum. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(44).

Morison SL, et al. (2025) Recruitment of specific dopamine neuron sub-circuits by opioids. Addiction neuroscience, 17.

Azcorra M, et al. (2023) Unique functional responses differentially map onto genetic subtypes of dopamine neurons. Nature neuroscience, 26(10), 1762.

Kim J, et al. (2022) Spotting-based differentiation of functional dopaminergic progenitors from human pluripotent stem cells. Nature protocols, 17(3), 890.

Melani R, et al. (2022) Inhibitory co-transmission from midbrain dopamine neurons relies on presynaptic GABA uptake. Cell reports, 39(3), 110716.

Pereira Luppi M, et al. (2021) Sox6 expression distinguishes dorsally and ventrally biased dopamine neurons in the substantia nigra with distinctive properties and embryonic origins. Cell reports, 37(6), 109975.

Wu J, et al. (2019) Distinct Connectivity and Functionality of Aldehyde Dehydrogenase 1a1-Positive Nigrostriatal Dopaminergic Neurons in Motor Learning. Cell reports, 28(5), 1167.

Su S, et al. (2018) CD10+GPR77+ Cancer-Associated Fibroblasts Promote Cancer Formation and Chemoresistance by Sustaining Cancer Stemness. Cell, 172(4), 841.