

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

ALDH1A3 Antibody - BSA Free

RRID:AB_2665496

Type: Antibody

Proper Citation

Novus Cat# NBP2-15339, RRID:AB_2665496

Antibody Information

URL: http://antibodyregistry.org/AB_2665496

Proper Citation: Novus Cat# NBP2-15339, RRID:AB_2665496

Target Antigen: ALDH1A3

Host Organism: Rabbit

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting

Antibody Name: ALDH1A3 Antibody - BSA Free

Description: This polyclonal targets ALDH1A3

Target Organism: Human, Rat, Mouse

Antibody ID: AB_2665496

Vendor: Novus

Catalog Number: NBP2-15339

Alternative Catalog Numbers: NBP2-15339SS

Record Creation Time: 20250820T012839+0000

Record Last Update: 20250820T110201+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community.
Contact(s): [Raghavendra Mirmira](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for ALDH1A3 Antibody - BSA Free.

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 [RRID](#) .

Kang F, et al. (2025) β -Cell Dedifferentiation in HOMA- β low and HOMA- β high Subjects. The Journal of clinical endocrinology and metabolism, 110(5), e1430.

Pequerul R, et al. (2025) Inter- and intra-tumoral ALDH1 heterogeneity in breast cancer identifies therapeutic opportunities for ALDH1A-specific inhibitors. Cell chemical biology.

Kaylan KB, et al. (2025) 12-Lipoxygenase Inhibition Improves Glycemia and Obesity-associated Inflammation in Male Human Gene Replacement Mice. Endocrinology, 166(6).

Hatano R, et al. (2024) Mosaic ablation of pancreatic β cells induces de-differentiation and repetitive proliferation of residual β cells in adult mice. iScience, 27(9), 110656.

Graff SM, et al. (2024) TALK-1-mediated alterations of β -cell mitochondrial function and insulin secretion impair glucose homeostasis on a diabetogenic diet. Cell reports, 43(1), 113673.

Wang K, et al. (2023) Glucagon receptor blockage inhibits β -cell dedifferentiation through FoxO1. American journal of physiology. Endocrinology and metabolism, 324(1), E97.

Wang Z, et al. (2021) microRNA-483 Protects Pancreatic β -Cells by Targeting ALDH1A3. Endocrinology, 162(5).

Shrestha N, et al. (2020) Sel1L-Hrd1 ER-associated degradation maintains β cell identity via TGF- β signaling. The Journal of clinical investigation, 130(7), 3499.

Ramzy A, et al. (2018) Insulin-Deficient Mouse β -Cells Do Not Fully Mature but Can Be Remedied Through Insulin Replacement by Islet Transplantation. Endocrinology, 159(1), 83.