

Product Datasheet

Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody NB100-2563

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2563

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-2563



NB100-2563**Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody**

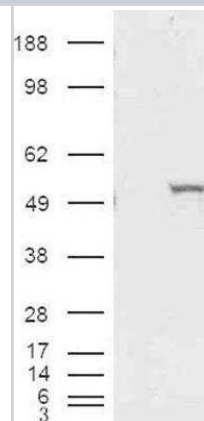
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Goat Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (NB100-2563) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	216
Gene Symbol	ALDH1A1
Species	Human
Marker	Astrocyte Marker
Immunogen	Peptide with sequence C-RELGEYGFHEYTE corresponding to internal region according to NP_000680.2.

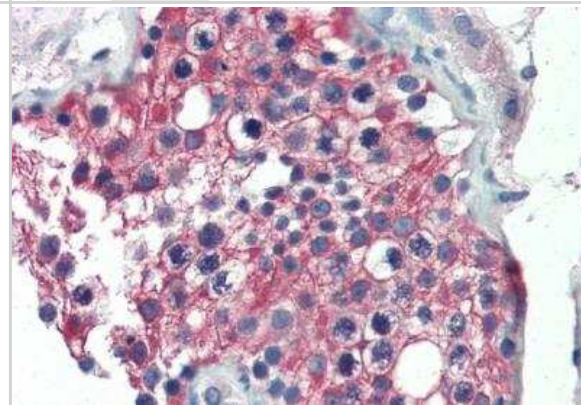
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in human liver lysates (calculated MW of 54.9 kDa band according to NP_000680.2). IHC: Paraffin embedded Human Testis.

Images

Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NB100-2563] - HEK293 overexpressing ALDH1A1 and probed with NB100-2563 (mock transfection in first lane).



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NB100-2563] - (5ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NB100-2563] - (1ug/ml) Analysis of Human Liver Lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Everts HB, King LE Jr, Sundberg JP, Ong DE. Hair cycle-specific immunolocalization of retinoic acid synthesizing enzymes Aldh1a2 and Aldh1a3 indicate complex regulation. *J Invest Dermatol* 2004-08-01 [PMID: 15245423]

Cai J, Yang M, Poremsky E et al. Dopaminergic neurons derived from human induced pluripotent stem cells survive and integrate into 6-OHDA-lesioned rats. *Stem Cells Dev* 2010-07-01 [PMID: 19824823]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2563

NB820-59232	Human Liver Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-2563

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



