

Product Datasheet

Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody (PD00-73) NBP3-32023

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32023**Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody (PD00-73)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PD00-73
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	50 kDa

Product Description	
Description	Novus Biologicals Rabbit Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody (PD00-73) (NBP3-32023) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	218
Gene Symbol	ALDH3A1
Species	Human
Immunogen	Synthetic peptide near the C-terminus of human Aldehyde Dehydrogenase 3-A1/ALDH3A1 protein. (Uniprot: P30838)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000

Images

Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody (PD00-73) [NBP3-32023] - Western blot analysis of Aldehyde Dehydrogenase 3-A1/ALDH3A1 on different lysates with Rabbit anti-Aldehyde Dehydrogenase 3-A1/ALDH3A1 antibody (NBP3-32023) at 1/1,000 dilution.

Lane 1: A549 cell lysate (10 ug/Lane)

Lane 2: Human skin tissue lysate (20 ug/Lane)

Predicted band size: 50 kDa

Observed band size: 50 kDa

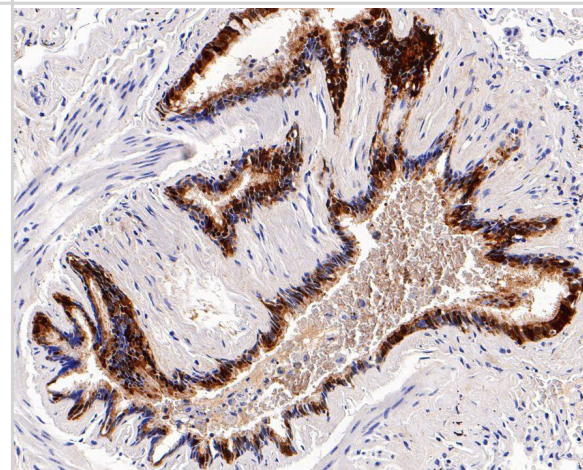
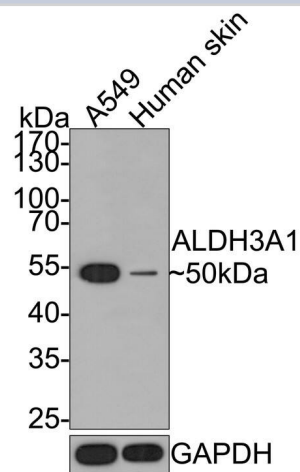
Exposure time: 2 minutes;

10% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32023) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody (PD00-73) [NBP3-32023] - Immunohistochemical analysis of paraffin-embedded human lung tissue with Rabbit anti-Aldehyde Dehydrogenase 3-A1/ALDH3A1 antibody (NBP3-32023) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32023) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32023

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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.

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