

Product Datasheet

Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody - BSA Free NBP2-15340

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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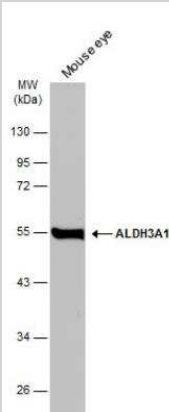


NBP2-15340**Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody - BSA Free**

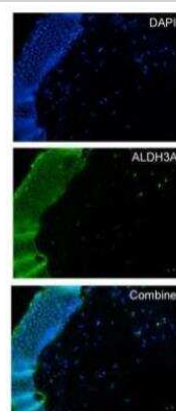
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	50 kDa
Product Description	
Host	Rabbit
Gene ID	218
Gene Symbol	ALDH3A1
Species	Mouse, Bovine, Canine
Reactivity Notes	Rat (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Aldehyde Dehydrogenase 3-A1/ALDH3A1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

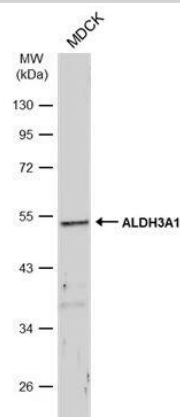
Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-15340] - Whole cell extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with ALDH3A1 antibody [N1C2] diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Frozen: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-15340] - Analysis of frozen bovine cornea section, using ALDH3A1 antibody at 1:100 dilution.



Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-15340] - Whole cell extract (30 μ g) was separated by 10% SDS-PAGE, and the membrane was blotted with ALDH3A1 antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Publications

Weiss-Sadan T, Ge M, Hayashi M et al. NRF2 activation induces NADH-reductive stress, providing a metabolic vulnerability in lung cancer *Cell metabolism* 2023-02-22 [PMID: 36841242] (ICC/IF)



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Products Related to NBP2-15340

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-47551PEP	Aldehyde Dehydrogenase 3-A1/ALDH3A1 Recombinant Protein Antigen

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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