

Product Datasheet

ALDH4A1 Antibody (002) - Azide and BSA Free NBP2-90152-100ul

Unit Size: 100 ul

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

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NBP2-90152-100ul

ALDH4A1 Antibody (002) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	002
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

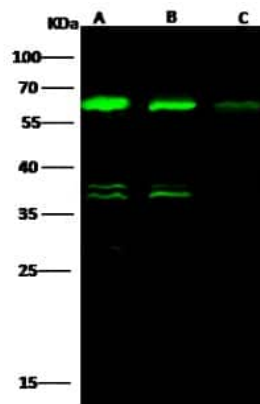
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	8659
Gene Symbol	ALDH4A1
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human ALDH4A1 (Accession#: AAH07581.1; Lys25-Gln563).

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:10000, Immunoprecipitation 1-4 uL/mg of lysate

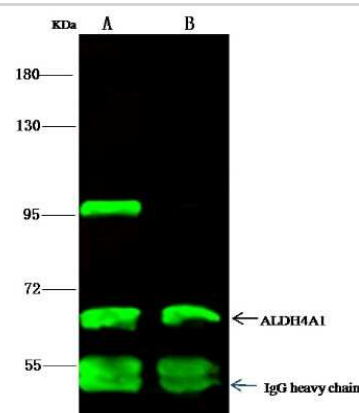


Images

Western Blot: ALDH4A1 Antibody (002) [NBP2-90152] - Anti-ALDH4A1 rabbit monoclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate. Lane B: K562 Whole Cell Lysate. Lane C: A549 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L(Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 62 kDa Observed band size: 62 kDa (We are unsure as to the identity of these extra bands.)



Immunoprecipitation: ALDH4A1 Antibody (002) [NBP2-90152] - ALDH4A1 was immunoprecipitated using: Lane A:0.5 mg Jurkat Whole Cell Lysate. Lane B:0.5 mg K562 Whole Cell Lysate. 2 uL anti-ALDH4A1 rabbit monoclonal antibody and 15 ul of 50% Protein G agarose. Primary antibody: Anti-ALDH4A1 rabbit monoclonal antibody,at 1:200 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 62 kDa. Observed band size: 62 kDa.



Publications

Kao Y, Huang LC, Hsu SY et al. The Effect of Disulfiram and Copper on Cellular Viability, ER Stress and ALDH Expression of Human Meningioma Cells Biomedicines Apr 12 2022 12:00AM [PMID: 35453636]



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Products Related to NBP2-90152-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008659-P01-10ug	Recombinant Human ALDH4A1 GST (N-Term) Protein

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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