

Product Datasheet

ALDH2 Antibody - BSA Free

NBP1-31749

Unit Size: 100 ul

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

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Publications: 1

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Updated 9/25/2025 v.20.1

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NBP1-31749

ALDH2 Antibody - BSA Free

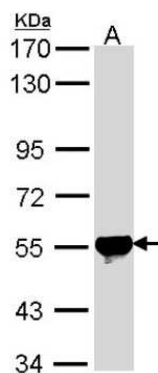
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Rabbit ALDH2 Antibody - BSA Free (NBP1-31749) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-ALDH2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	217
Gene Symbol	ALDH2
Species	Human, Mouse, Zebrafish
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: <i>Xenopus laevis</i> (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human ALDH2. The exact sequence is proprietary.

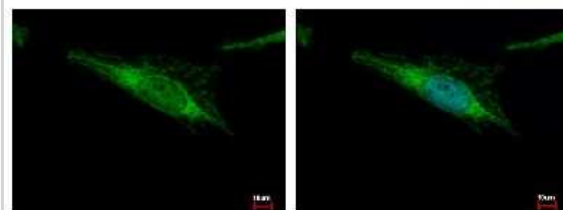
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

Images

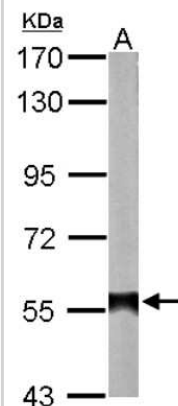
Western Blot: ALDH2 Antibody [NBP1-31749] - Sample (30 ug of whole cell lysate) A: Hep G2 7. 5% SDS PAGE; antibody diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: ALDH2 Antibody [NBP1-31749] - Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37C for 30 min. Green: ALDH2 protein stained by ALDH2 antibody diluted at 1:500. Blue: Hoechst 33343 staining.



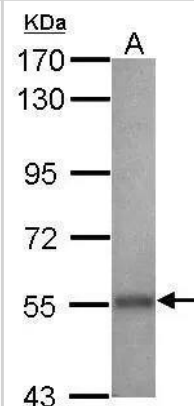
Western Blot: ALDH2 Antibody [NBP1-31749] - Sample (20 ug of whole cell lysate) A: mouse brain 7. 5% SDS PAGE; antibody diluted at 1:10000.



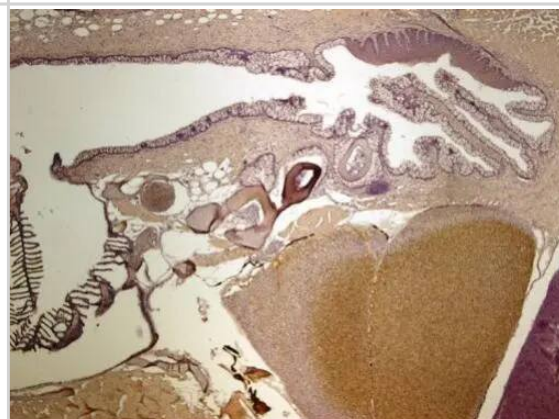
Western Blot: ALDH2 Antibody [NBP1-31749] - Sample (30 ug of whole cell lysate)

A: whole zebrafish
7.5% SDS PAGE

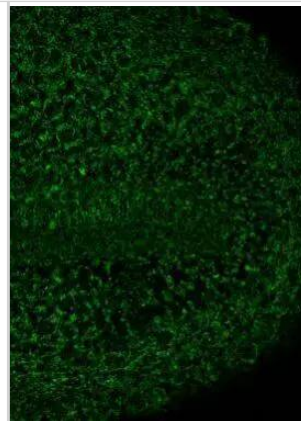
NBP1-31749 diluted at 1:1000



Immunohistochemistry: ALDH2 Antibody [NBP1-31749] - Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using ALDH2 antibody [N1C1] (NBP1-31749) at 1:300 dilution.



Immunohistochemistry: ALDH2 Antibody [NBP1-31749] - ALDH2 antibody [N1C1] detects ALDH2 protein at mitochondria on whole-mount zebrafish embryos by immunohistochemical analysis.
Sample: Paraformaldehyde-fixed zebrafish embryos.
ALDH2 antibody [N1C1] (NBP1-31749) dilution: 1:200.



Publications

Shen C, Chen X, Cao Y et al. Alpha-lipoic Acid Protects Against Chronic Alcohol Consumption-induced Cardiac Damage by the Aldehyde Dehydrogenase 2-associated PINK/Parkin Pathway *Journal of cardiovascular pharmacology* 2023-11-01 [PMID: 37657070]



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Products Related to NBP1-31749

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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