

ALDH1L1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the center region of human ALDH1L1. The exact sequence is proprietary.
Form	Liquid
Concentration	0.97 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2735443

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:10,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-

Product Specific Information

Positive Control: mouse liver, mouse brain, rat brain, rat kidney

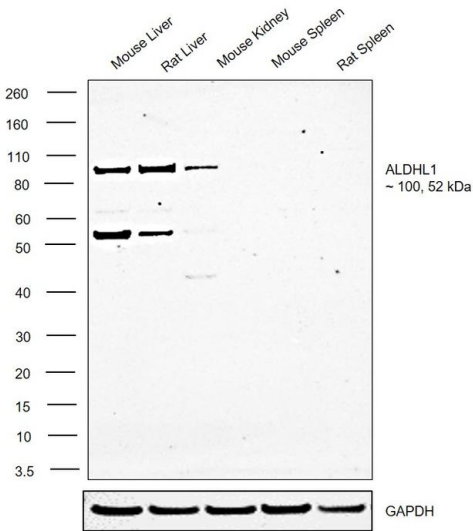
Predicted Reactivity: Human (100%), Rhesus Monkey (95%)

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For ALDH1L1 Polyclonal Antibody

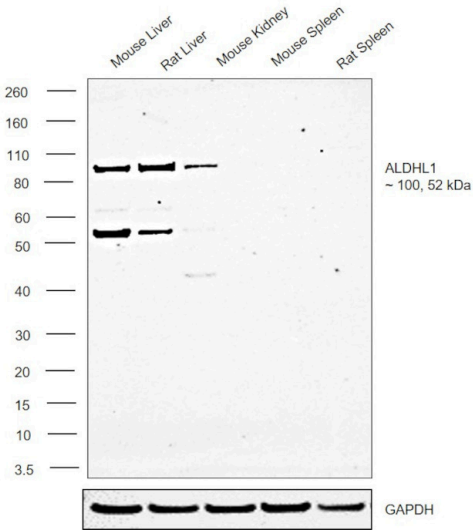
ALDH1L1 Antibody (PA5-78622) in WB

Western blot was performed using Anti-ALDH1L1 Polyclonal Antibody (Product # PA5-78622) and a 100, 52 kDa band corresponding to ALDH1L1 was observed in the tissues tested except Mouse Spleen and Rat Spleen. Whole cell extracts (30 µg lysate) of Mouse Liver (Lane 1), Rat Liver (Lane 2), Mouse Kidney (Lane 3), Mouse Spleen (Lane 4) and Rat Spleen (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



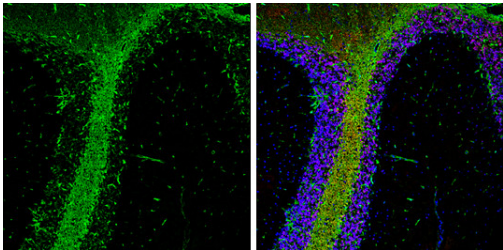
ALDH1L1 Antibody (PA5-78622)

Antibody specificity was demonstrated by detection of differential basal expression of the target across the tissues tested owing to their inherent genetic constitution. Relative expression of ALDH1L1 was observed in Mouse Liver, Rat Liver and Mouse Kidney in comparison to Mouse Spleen and Rat Spleen using Anti-ALDH1L1 Polyclonal Antibody (Product # PA5-78622) in Western Blot. {RE}



ALDH1L1 Antibody (PA5-78622) in IHC (F)

ALDH1L1 Polyclonal Antibody detects ALDH1L1 protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse cerebellum. Green: ALDH1L1 protein stained by ALDH1L1 Polyclonal Antibody (Product # PA5-78622) diluted at 1:250. Red: NeuN, stained by NeuN antibody [2Q158] diluted at 1:500. Blue: Fluoroshield with DAPI.



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