

Datasheet for ABIN5530271
anti-ALDH8A1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	ALDH8A1
Binding Specificity:	AA 386-416, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH8A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ALDH8A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 386-416 amino acids from the C-terminal region of human ALDH8A1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ALDH8A1
Alternative Name:	ALDH8A1 (ALDH8A1 Products)
Background:	ALDH8A1 belongs to the aldehyde dehydrogenases family of proteins. It plays a role in a pathway of 9-cis-retinoic acid biosynthesis in vivo. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with

Target Details

9-cis-retinal than with all-trans-retinal. Therefore, it is the first known aldehyde dehydrogenase to show a preference for 9-cis-retinal relative to all-trans-retinal.

Molecular Weight: 53 kDa

Gene ID: 64577

UniProt: [Q9H2A2](#)

Application Details

Application Notes: For WB starting dilution is: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

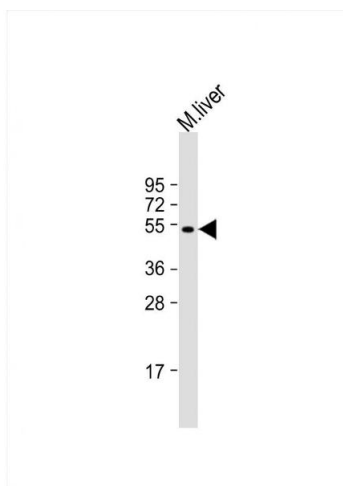
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western Blot at 1:2000 dilution + mouse liver lysate Lysates/proteins at 20 ug per lane.