

Datasheet for ABIN7445501  
**anti-ALDH1B1 antibody (AA 18-517)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	ALDH1B1
Binding Specificity:	AA 18-517
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1)
Immunogen:	Recombinant Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1) corresponding to Arg18~Ser517 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ALDH1B1. It has been selected for its ability to recognize ALDH1B1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

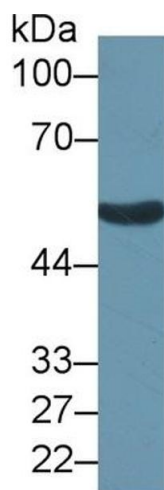
Target:	ALDH1B1
Alternative Name:	Aldehyde Dehydrogenase 1 Family, Member B1 ( <a href="#">ALDH1B1 Products</a> )
Background:	ALDH5, ALDHX, Aldehyde Dehydrogenase X,Mitochondrial, Aldehyde dehydrogenase 5

## Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

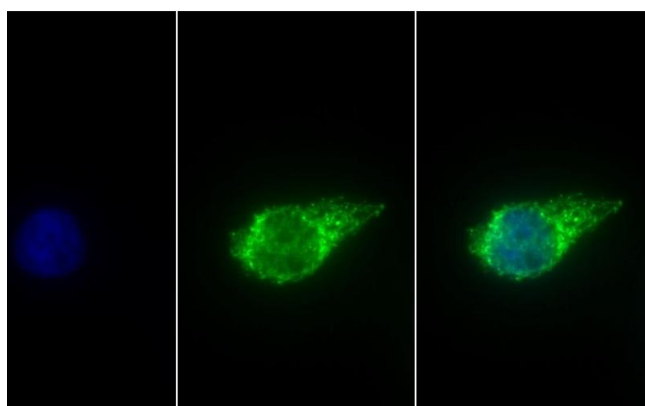
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



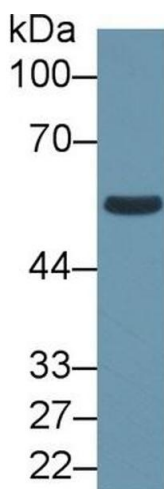
#### Western Blotting

**Image 1.** Detection of ALDH1B1 in Human k562 cell lysate using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1)



#### Immunohistochemistry

**Image 2.** Detection of ALDH1B1 in Human HepG2 cell using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1)



#### Western Blotting

**Image 3.** Detection of ALDH1B1 in Human HepG2 cell lysate using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7445501.