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Datasheet for ABIN571183

## anti-ALDH1B1 antibody (Internal Region)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	ALDH1B1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH1B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	ALDH1B1
Immunogen:	Peptide with sequence C-DKEQFERVLGYIQ, from the internal region of the protein sequence according to NP_000683.3.
Sequence:	DKEQFERVLG YIQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	ALDH1B1
Alternative Name:	ALDH1B1 ( <a href="#">ALDH1B1 Products</a> )
Background:	ALDH1B1, aldehyde dehydrogenase 1 family, member B1, ALDH5, ALDHX, MGC2230, ALDH class 2, acetaldehyde dehydrogenase 5, aldehyde dehydrogenase 1B1, aldehyde dehydrogenase 5, mitochondrial aldehyde dehydrogenase X
Gene ID:	219
NCBI Accession:	<a href="#">NP_000683</a>

## Application Details

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Application Notes:	Western Blot: Approx 60 kDa band observed in Human Liver lysates (calculated MW of 57.2 kDa according to NP_000683.3). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** ABIN571183 (0.3 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.