

**Anti-ALDH1B1 Antibody**  
**Rabbit polyclonal antibody to ALDH1B1**  
**Catalog # AP59479****Specification**

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**Anti-ALDH1B1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P30837</a>
Other Accession	<a href="#">O9CZS1</a>
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57249

**Anti-ALDH1B1 Antibody - Additional Information****Gene ID** 219**Other Names**

ALDH5; ALDHX; Aldehyde dehydrogenase X mitochondrial; Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1

**Target/Specificity**

Recognizes endogenous levels of ALDH1B1 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ALDH1B1 Antibody - Protein Information****Name** ALDH1B1**Synonyms** ALDH5, ALDHX**Function**

ALDHs play a major role in the detoxification of alcohol- derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation.

**Cellular Location**

Mitochondrion matrix.

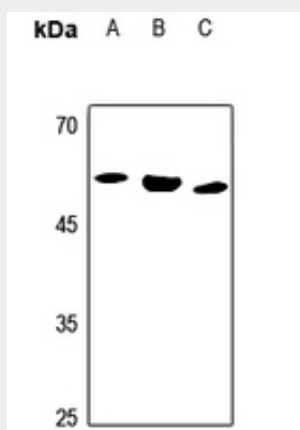
**Tissue Location**

Liver, testis and to a lesser extent in brain.

**Anti-ALDH1B1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-ALDH1B1 Antibody - Images**

Western blot analysis of ALDH1B1 expression in HEK293T (A), Hela (B), H446 (C) whole cell lysates.

**Anti-ALDH1B1 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ALDH1B1. The exact sequence is proprietary.