

# **ALDH1B1 Polyclonal Antibody**

Catalog # AP68372

#### **Product Information**

Application WB Primary Accession P30837

Reactivity Human, Monkey

HostRabbitClonalityPolyclonalCalculated MW57249

#### **Additional Information**

Gene ID 219

Other Names ALDH1B1; ALDH5; ALDHX; Aldehyde dehydrogenase X; mitochondrial;

Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1

**Dilution** WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **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.

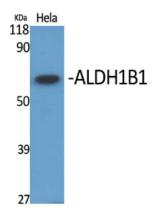
**Cellular Location** Mitochondrion matrix.

**Tissue Location** Liver, testis and to a lesser extent in brain.

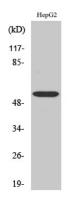
### **Background**

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.

## **Images**



Western Blot analysis of various cells using ALDH1B1 Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of COS7 cells using ALDH1B1 Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.