

ALDH1B1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50668**Specification**

ALDH1B1 Antibody - Product Information

Application	WB
Primary Accession	P30837
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 KDa
Antigen Region	330-356

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

Aldehyde dehydrogenase X, mitochondrial, Aldehyde dehydrogenase 5, Aldehyde dehydrogenase family 1 member B1, ALDH1B1, ALDH5, ALDHX

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

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

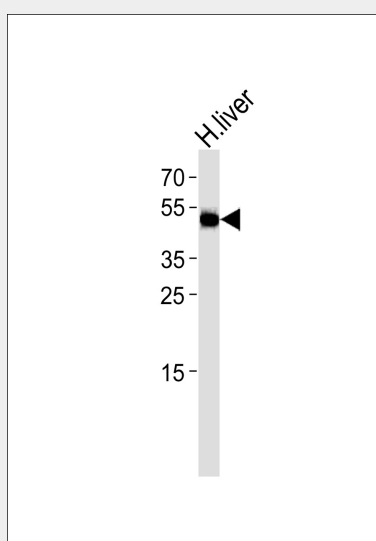
Liver, testis and to a lesser extent in brain.

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](#)

ALDH1B1 Antibody - Images



Western blot analysis of lysate from human liver tissue lysate, using ALDH1B1 Antibody (AP50668). AP50668 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ALDH1B1 Antibody - 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.

ALDH1B1 Antibody - References

- Hsu L.C., et al. J. Biol. Chem. 266:12257-12265 (1991).
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45 (2004).
Humphray S.J., et al. Nature 429:369-374 (2004).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17 (2011).