

# ALDH1B1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50668

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P30837</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Calculated MW</b>	57249

## Additional Information

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<b>Gene ID</b>	219
<b>Other Names</b>	Aldehyde dehydrogenase X, mitochondrial, Aldehyde dehydrogenase 5, Aldehyde dehydrogenase family 1 member B1, ALDH1B1, ALDH5, ALDHX
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	ALDH1B1
<b>Synonyms</b>	ALDH5, ALDHX
<b>Function</b>	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.
<b>Cellular Location</b>	Mitochondrion matrix.
<b>Tissue Location</b>	Liver, testis and to a lesser extent in brain.

## Background

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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.

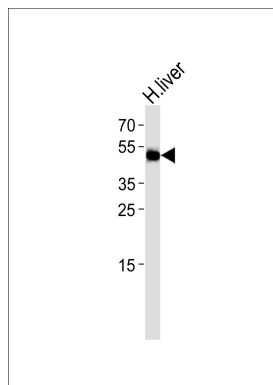
## References

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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).

## Images

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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.

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