

ALDH1B1 Antibody (interral region)
Peptide-affinity purified goat antibody
Catalog # AF3240a**Specification**

ALDH1B1 Antibody (interral region) - Product Information

Application	WB, E
Primary Accession	P30837
Other Accession	NP_000683.3 , 219
Reactivity	Human
Predicted	Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	57249

ALDH1B1 Antibody (interral region) - Additional Information**Gene ID** 219**Other Names**

Aldehyde dehydrogenase X, mitochondrial, 1.2.1.3, Aldehyde dehydrogenase 5, Aldehyde dehydrogenase family 1 member B1, ALDH1B1, ALDH5, ALDHX

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ALDH1B1 Antibody (interral region) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH1B1 Antibody (interral region) - 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 (internal region) - 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 (internal region) - Images

AF3240a (0.3 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ALDH1B1 Antibody (internal region) - References

The association of ADH and ALDH gene variants with alcohol drinking habits and cardiovascular disease risk factors. Husemoen LL, Fenger M, Friedrich N, Tolstrup JS, Beenfeldt Fredriksen S, Linneberg A, Alcoholism, clinical and experimental research 2008 Nov 32 (11): 1984-91. PMID: 18782342