

ALDH1B1 Antibody

Catalog No: #34398

Package Size: #34398-1 50ul #34398-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

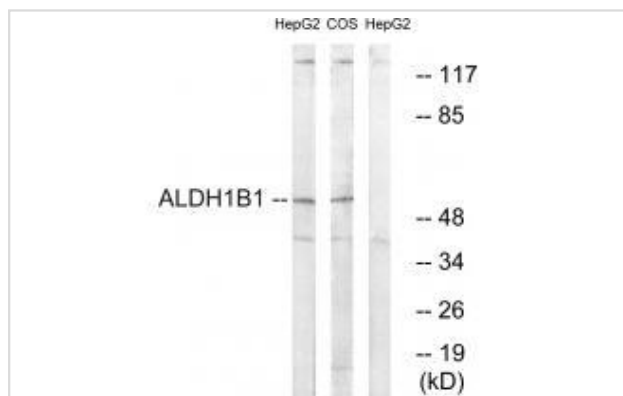
Description

Product Name	ALDH1B1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ALDH1B1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ALDH1B1.
Target Name	ALDH1B1
Other Names	acetaldehyde dehydrogenase 5; AL1B1; aldehyde dehydrogenase X; mitochondrial; ALDH class 2
Accession No.	Swiss-Prot: P30837NCBI Gene ID: 219
Uniprot	P30837
GeneID	219;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HepG2 cells and COS cells, using ALDH1B1 antibody #34398.

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.

Hsu L.C., J. Biol. Chem. 266:12257-12265(1991).

Kalnine N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Humphray S.J., Nature 429:369-374(2004).

Note: This product is for in vitro research use only