

Rabbit ALDH1B1 Polyclonal Antibody | anti-ALDH1B1 antibody

ALDH1B1 antibody - middle region

CATALOG # AAA200810	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ALDH1B1; Polyclonal Antibody; ALDH1B1 antibody - middle region; anti-ALDH1B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: GF FIKPTVFEGGV QDDMRIAKEE IFGPVQPLFK FKKIEEVVER ANNTRYGL
Sequence Length	517
Applicable Applications for anti-ALDH1B1 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 85%; Horse: 79%; Human: 100%; Mouse: 86%; Pig: 86%; Rat: 91%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ALDH1B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ALDH1B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HeLa cell lysate
ALDH1B1 is supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

WB Suggested Anti-ALDH1B1 Antibody
Positive Control: Lane1: 30ug human hepatocytes
Primary Antibody Dilution : 1:1000
Secondary Antibody : Anti-rabbit-HRP
Secondary Antibody Dilution : 1:5000
Submitted by: Takeshi Saito, USC Keck School of Medicine

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1B1 antibody	This is a rabbit polyclonal antibody against ALDH1B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ALDH1B1 belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.
Product Categories/Family for anti-ALDH1B1 antibody	Polyclonal; Drugs and Drug Metabolism; Developmental Biology; Signal Transduction; Stem Cells; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777730
NCBI GeneID	219
NCBI Accession #	NP_000683
NCBI GenBank Nucleotide #	NM_000692
UniProt Accession #	P30837
Molecular Weight	57kDa
NCBI Official Full Name	aldehyde dehydrogenase X, mitochondrial
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family member B1
NCBI Official Symbol	ALDH1B1
NCBI Official Synonym Symbols	ALDH5; ALDHX
NCBI Protein Information	aldehyde dehydrogenase X, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase X, mitochondrial
UniProt Gene Name	ALDH1B1
UniProt Synonym Gene Names	ALDH5; ALDHX
UniProt Entry Name	AL1B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh1b1-antibody-western-blot-elisa/200810>