



Datasheet for ABIN948717  
**anti-ALDH4A1 antibody (AA 1-563)**



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6 Images

Overview

Quantity:	100 µL
Target:	ALDH4A1
Binding Specificity:	AA 1-563
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH4A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human ALDH4A1 protein.
Immunogen:	ALDH4A1 (NP_003739.2, 1 a.a. ~ 563 a.a) full-length human protein.
Sequence:	MLLPAPALRR ALLSRPWTGA GLRWKHTSSL KVANEPVLAF TQGSPERDAL QKALKDLKGR MEAIPC VVGD EEVWTS DVQY QVSPFNHGHK VAKFCYADKS LLNKAIEAAL AARKEWDLKP IADRAQIFLK AADMLSGPRR AEILAKTMVG QGKTVIQAEI DAAAELIDFF RFNAKYAVEL EGQQPISVPP STNSTVYRGL EGFVAAISPF NFTAIGGNLA GAPALMGNVV LWKPSDTAML ASYAVYRILR EAGLPPNIIQ FVPADGPLFG DTVTSSEHLC GINFTGSVPT FKHLWKQVAQ NLDRFHTFPR LAGECGGKNF HFVHRSADVE SVVSGTLRSA FEYGGQKCSA CSRLYVPHSL WPQIKGRLL EHSRIKVGDP AEDFGTFFSA VIDA KSFARI KKWLEHARSS PSLTILAGGK CDDSVGYFVE PCIVESKDPQ EPIMKEEIFG PVLSVYVYPD DKYKETLQLV DSTTSYGLTG AVFSQDKDVV QEATKVL RNA AGNFYINDKS TGSIVGQQPF GGARASGTND KPGGPHYILR WTSPQVIKET HKPLGDWSYA YMQ

## Product Details

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Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	ALDH4A1
Alternative Name:	ALDH4A1 ( <a href="#">ALDH4A1 Products</a> )
Background:	Full Gene Name: aldehyde dehydrogenase 4 family, member A1 Synonyms: ALDH4,P5CD,P5CDh,P5CDhL,P5CDhS
Gene ID:	8659
NCBI Accession:	<a href="#">NM_003748</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

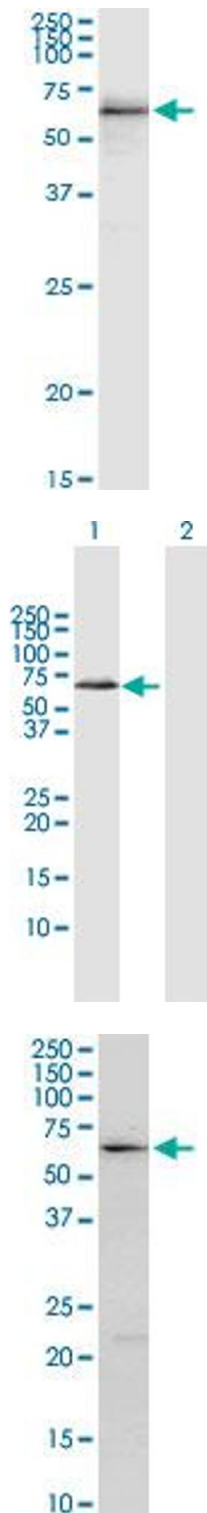
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### Immunoprecipitation

**Image 1.** Immunoprecipitation of ALDH4A1 transfected lysate using anti-ALDH4A1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with ALDH4A1 purified MaxPab mouse polyclonal antibody (B01P) .

### Western Blotting

**Image 2.** Western Blot analysis of ALDH4A1 expression in transfected 293T cell line by ALDH4A1 MaxPab polyclonal antibody.

Lane 1: ALDH4A1 transfected lysate(61.70 KDa).

Lane 2: Non-transfected lysate.

### Western Blotting

**Image 3.** ALDH4A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH4A1 expression in NIH/3T3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN948717.