

Datasheet for ABIN2788130
anti-ALDH9A1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	ALDH9A1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH9A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ALDH9A1
Sequence:	MGPLINRPHL ERVLGFVKVA KEQGAKVLGG GDIYVPEDPK LKDGYYMRPC
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against ALDH9A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ALDH9A1
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Target Details

Alternative Name:	ALDH9A1 (ALDH9A1 Products)
Background:	<p>This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits.</p> <p>Alias Symbols: ALDH4, ALDH7, ALDH9, E3, TMABADH</p> <p>Protein Interaction Partner: UBC, CIAPIN1, BCCIP, ACOT7, PGD, GDI1, ACAT2, BRCA1, HCVgp1, CUL4B, DDA1, ATG101, GBAS, USP46, TNFAIP3,</p> <p>Protein Size: 518</p>
Molecular Weight:	56 kDa
Gene ID:	223
NCBI Accession:	NM_000696 , NP_000687
UniProt:	B9EKV4

Application Details

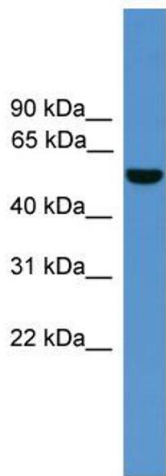
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 518 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ALDH9A1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human Liver

ALDH9A1



Rabbit Anti-ALDH9A1
Sample Type: Human Adult Placenta
Antibody Concentration: 1ug/mL

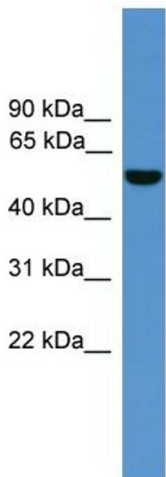
Western Blotting

Image 2. Host: Rabbit

Target Name: ALDH9A1

Sample Tissue: Human Adult Placenta

Antibody Dilution: 1.0 µg/mL



Rabbit Anti-ALDH9A1 Antibody
Catalog Number: ARP59590
Lot Number: QC30536
Lane: Fetal Liver Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 3. WB Suggested Anti-ALDH9A1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Human Liver

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2788130.