

Datasheet for ABIN392321  
**anti-ALDH9A1 antibody (C-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	ALDH9A1
Binding Specificity:	AA 445-477, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ALDH9A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-477 amino acids from the C-terminal region of human ALDH9A1.
Clone:	RB16867
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	ALDH9A1
Alternative Name:	ALDH9A1 ( <a href="#">ALDH9A1 Products</a> )

## Target Details

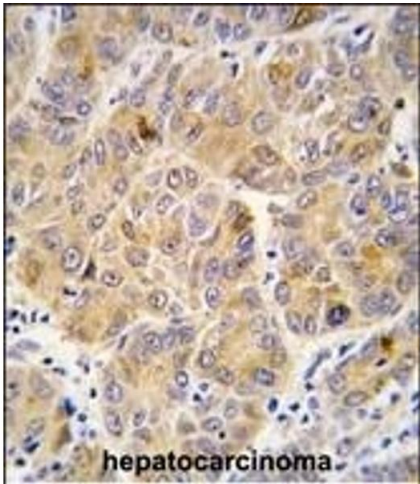
Background:	ALDH9A1 belongs to the aldehyde dehydrogenase family of proteins. The protein has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits.
Molecular Weight:	53802
Gene ID:	223
NCBI Accession:	<a href="#">NP_000687</a>
UniProt:	<a href="#">P49189</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

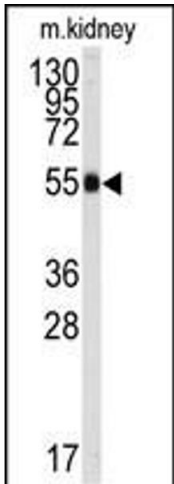
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ALDH9A1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Western blot analysis of anti-ALDH9A1 Antibody (C-term) (ABIN392321 and ABIN2841971) in mouse kidney tissue lysates (35 µg/lane). ALDH9A1 (arrow) was detected using the purified Pab.