

## Datasheet for ABIN7634331 **anti-ALDH9A1 antibody**



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### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | ALDH9A1  |
| Reactivity:  | Mouse  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This ALDH9A1 antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

### Product Details

|               |  |
|---------------|--|
| Purpose:      | Polyclonal Antibody to Aldehyde Dehydrogenase 9 Family, Member A1 (ALDH9A1)  |
| Immunogen:    | RPE839Mu02Recombinant Aldehyde Dehydrogenase 9 Family, Member A1 (ALDH9A1)   |
| Isotype:      | IgG  |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against ALDH9A1. It has been selected for its ability to recognize ALDH9A1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

### Target Details

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

## Target Details

Background: ALDH4, ALDH7, ALDH9, E3, TMABADH, 4-Trimethylaminobutyraldehyde Dehydrogenase, Aldehyde dehydrogenase E3 isozyme, Gamma-aminobutyraldehyde dehydrogenase

UniProt: [Q9JLJ2](#)

## Application Details

Application Notes: Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.