

Datasheet for ABIN7437182  
**anti-ALDH1A3 antibody (AA 332-509)**



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2 Images

Overview

Quantity:	100 µL
Target:	ALDH1A3
Binding Specificity:	AA 332-509
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3)
Immunogen:	Recombinant Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3) corresponding to Arg332~Asp509 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ALDH1A3. It has been selected for its ability to recognize ALDH1A3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	ALDH1A3
Alternative Name:	Aldehyde Dehydrogenase 1 Family, Member A3 ( <a href="#">ALDH1A3 Products</a> )
Background:	RALDH3, ALDH1A6, ALDH6, Retinaldehyde Dehydrogenase 3
Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway</a>

## Application Details

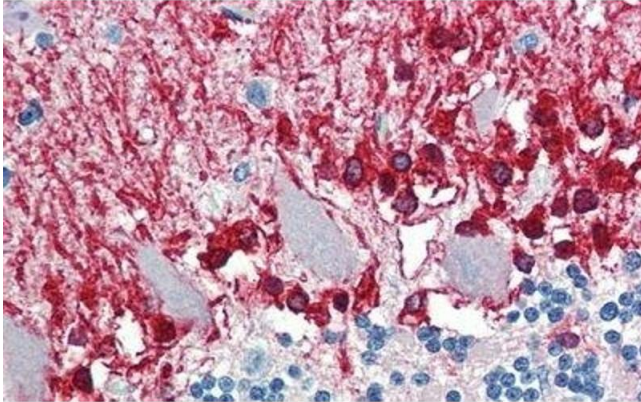
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

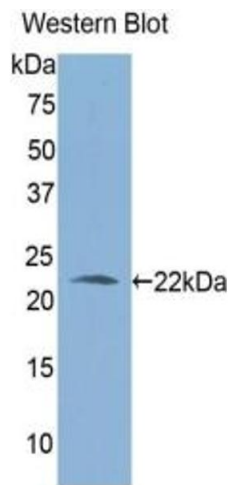
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	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.
Expiry Date:	24 months



### Immunohistochemistry

**Image 1.** Detection of ALDH1A3 in Human Cerebellum Tissue using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3)



### Western Blotting

**Image 2.** Detection of Recombinant ALDH1A3, Human using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3)