

Datasheet for ABIN7435901
anti-ALDH1A2 antibody (AA 1-422)

11 Images

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Overview

Quantity:	100 µL
Target:	ALDH1A2
Binding Specificity:	AA 1-422
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2)
Immunogen:	Recombinant Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2) corresponding to Met1~Ser422 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ALDH1A2. It has been selected for its ability to recognize ALDH1A2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

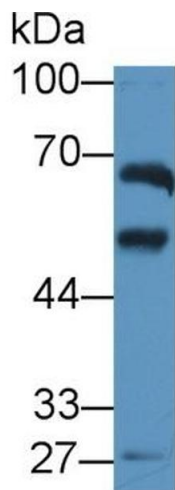
Target:	ALDH1A2
Alternative Name:	Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2 Products)
Background:	RALDH(II), RALDH2, RALDH2-T, Retinaldehyde Dehydrogenase 2, Retinal dehydrogenase 2, Retinaldehyde-specific dehydrogenase type 2
Pathways:	Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

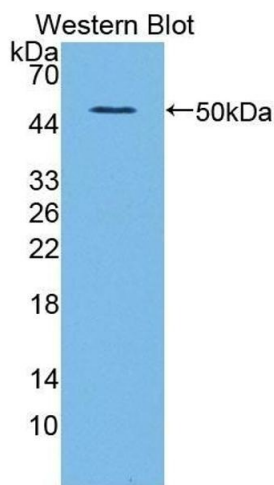
Handling

Format:	Liquid
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



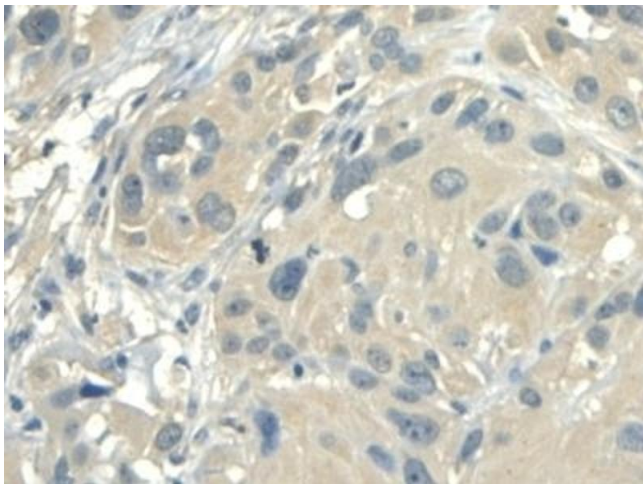
Western Blotting

Image 1. Detection of ALDH1A2 in Rat Testis lysate using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2)



Western Blotting

Image 2. Detection of Recombinant ALDH1A, Human using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2)



Immunohistochemistry

Image 3. Detection of ALDH1A2 in Human Esophagus Tissue using Polyclonal Antibody to Aldehyde Dehydrogenase 1 Family, Member A2 (ALDH1A2)

Please check the [product details page](#) for more images. Overall 11 images are available for ABIN7435901.