

Datasheet for ABIN7167765
anti-ALDH1A1 antibody (AA 202-501)



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3 Images

Overview

Quantity:	100 µL
Target:	ALDH1A1
Binding Specificity:	AA 202-501
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Retinal dehydrogenase 1 protein (202-501AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	ALDH1A1
Alternative Name:	ALDH1A1 (ALDH1A1 Products)
Background:	Background: Binds free retinal and cellular retinol-binding protein-bound retinal. Can convert/oxidize retinaldehyde to retinoic acid

Target Details

Aliases: Acetaldehyde dehydrogenase 1 antibody, AHD2 antibody, AL1A1_HUMAN antibody, ALDC antibody, Aldehyde dehydrogenase 1 family member A1 antibody, Aldehyde dehydrogenase 1 soluble antibody, Aldehyde dehydrogenase 1A1 antibody, Aldehyde dehydrogenase antibody, Aldehyde dehydrogenase cytosolic antibody, Aldehyde dehydrogenase family 1 member A1 antibody, Aldehyde dehydrogenase liver cytosolic antibody, ALDH 1 antibody, ALDH 1A1 antibody, ALDH class 1 antibody, ALDH, liver cytosolic antibody, ALDH-E1 antibody, ALDH1 A1 antibody, ALDH1 antibody, ALDH11 antibody, ALDH1A1 antibody, ALHDII antibody, cytosolic antibody, epididymis luminal protein 12 antibody, epididymis luminal protein 9 antibody, epididymis secretory sperm binding protein Li 53e antibody, HEL-S-53e antibody, MGC2318 antibody, PUMB1 antibody, RALDH 1 antibody, RalDH1 antibody, Retinal dehydrogenase 1 antibody

UniProt: [P00352](#)

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

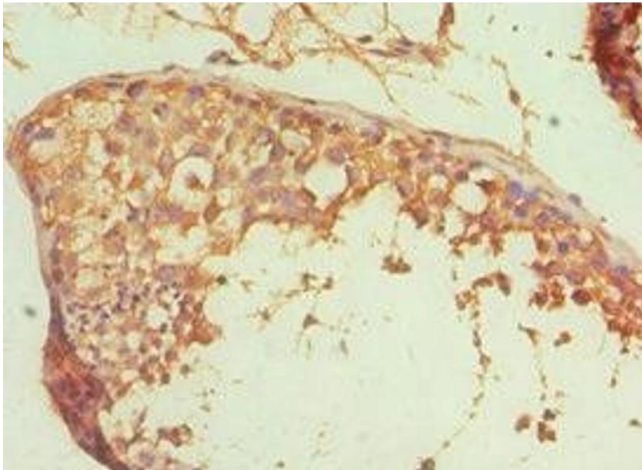
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

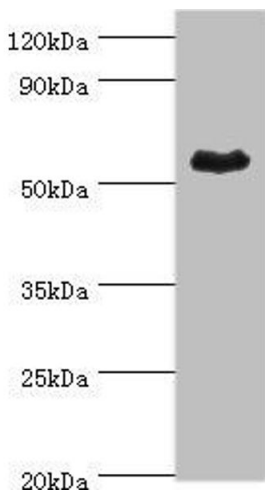
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



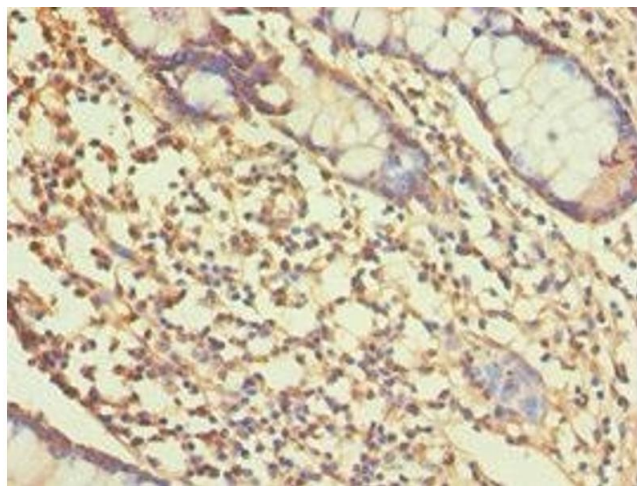
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7167765 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Retinal dehydrogenase 1 antibody at 4 µg/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 55 kDa Observed band size: 55 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7167765 at dilution of 1:100