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anti-ALDH3B1 antibody (AA 168-449)

2 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	ALDH3B1
Binding Specificity:	AA 168-449
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Aldehyde dehydrogenase family 3 member B1 protein (168-449AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

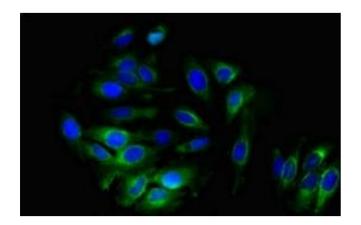
Target Details

Target:	ALDH3B1
Alternative Name:	ALDH3B1 (ALDH3B1 Products)
Background:	Background: Oxidizes medium and long chain saturated and unsaturated aldehydes.
	Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3,4-

Target Details

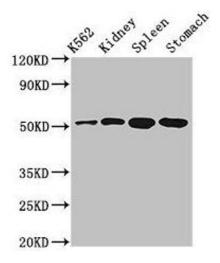
	dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both
	NADP(+) and NAD(+) as cofactors. May have a protective role against the cytotoxicity induced
	by lipid peroxidation.
	Aliases: ALDH3B1 antibody, ALDH7Aldehyde dehydrogenase family 3 member B1 antibody, EC
	1.2.1.28 antibody, EC 1.2.1.5 antibody, EC 1.2.1.7 antibody, Aldehyde dehydrogenase 7 antibody
UniProt:	P43353
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details		
Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	



Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7143668 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Rat kidney tissue, Rat spleen tissue, Mouse stomach tissue All lanes: ALDH3B1 antibody at 3 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 52, 48 kDa Observed band size: 52 kDa