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Datasheet for ABIN7254418 anti-ALDH2 antibody

Image



Overview

Quantity:	200 µL
Target:	ALDH2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human ALDH2
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

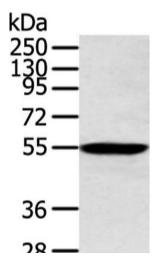
Target Details

Target:	ALDH2
Alternative Name:	ALDH2 (ALDH2 Products)
Background:	This protein belongs to the aldehyde dehydrogenase family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism.
	Two major liver isoforms of aldehyde dehydrogenase, cytosolic and mitochondrial, can be distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations.

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Target Details		
	Most Caucasians have two major isozymes, while approximately 50 % of Orientals have the cytosolic isozyme but not the mitochondrial isozyme.	
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 56 kDa	
UniProt:	P05091	
Application Details		
Application Notes:	WB 1:500-1:2000, ELISA 1:2000-1:5000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.4 mg/mL	
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4	
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	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	

Images



Western Blotting

Image 1. Western blot analysis of Human lung cancer tissue using ALDH2 Polyclonal Antibody at dilution of 1:300

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