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Datasheet for ABIN571182 anti-ALDH3A1 antibody (C-Term)

2 Images



Overview

Quantity:	100 µg
Target:	ALDH3A1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH3A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ALDH3A1
Immunogen:	C-RYPPSPAKMTQH
Sequence:	RYPPSPAKMT QH
lsotype:	lgG
Specificity:	Reported variants represent identical protein: NP_001128639.1, NP_000682.3, NP_001128640.1
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	ALDH3A1
Alternative Name:	ALDH3A1 (ALDH3A1 Products)
Background:	ALDH3A1, aldehyde dehydrogenase 3 family, memberA1, ALDH3, ALDHIII, MGC10406, aldehyde dehydrogenase 3A1, aldehyde dehydrogenase isozyme 3, aldehyde dehydrogenase type III, aldehyde dehydrogenase, dimeric NADP-preferring, stomach aldehyde dehydrogenase
Gene ID:	218
NCBI Accession:	NP_000682
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Human Lung shows strong staining of the respiratory epithelium of the tracheal wall. Recommended concentration, 3-5 µg/mL. Western Blot: Approx 55 kDa band observed in Mouse Eye lysates (calculated MW of 50.5 kDa according to Mouse NP_031462.2). Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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	250kDa 150kDa 100kDa 75kDa
-	50kDa
	37kDa
	25kDa
	20kDa

15kDa



Image 1. ABIN571182 (0.01µg/ml) staining of Mouse Eye Iysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SBIO

Immunohistochemistry

Image 2. ABIN571182 (3.8µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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