

Datasheet for ABIN5514490
anti-ALDH8A1 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	ALDH8A1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH8A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ALDH8A1
Sequence:	KKLQSGLVWT NCWLIRELNL PFGGMKSSGI GREGAKDSYD FFTEIKTITV
Purification:	Affinity purified

Target Details

Target:	ALDH8A1
Alternative Name:	ALDH8A1 (ALDH8A1 Products)
Background:	This protein belongs to the aldehyde dehydrogenases family of proteins. It plays a role in a pathway of 9-cis-retinoic acid biosynthesis in vivo. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with

Target Details

9-cis-retinal than with all-trans-retinal. Therefore, it is the first known aldehyde dehydrogenase to show a preference for 9-cis-retinal relative to all-trans-retinal. Three transcript variants encoding distinct protein isoforms have been identified for this gene.

Alias Symbols: ALDH12, DJ352A20.2

Protein Size: 487

Gene ID:	64577
NCBI Accession:	NM_001193480 , NP_001180409
UniProt:	Q9H2A2

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.