-online.com antibodies

Datasheet for ABIN1386584 anti-ALDH3A2 antibody (AA 101-200)



Overview

Quantity:	100 µL
Target:	ALDH3A2
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ALDH3A2
Isotype:	lgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	ALDH3A2
Alternative Name:	ALDH3A2 (ALDH3A2 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN1386584 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Background:	Synonyms: Ahd 3, Ahd 3r, Ahd3, Ahd3 r, AL3A2_HUMAN, Aldehyde dehydrogenase 10, Aldehyd
-	dehydrogenase 3, Aldehyde dehydrogenase 3 family, member A2, Aldehyde dehydrogenase
	family 3 member A2, Aldehyde dehydrogenase family 3, subfamily A2, Aldehyde
	dehydrogenase, family 3, subfamily A, member 2, ALDH10, Aldh3, ALDH3A2, Aldh4, Aldh4 r,
	Aldh4r, FALDH, Fatty aldehyde dehydrogenase, FLJ20851, Microsomal aldehyde
	dehydrogenase, msALDH, SLS.
	Background: Aldehyde dehydrogenases (ALDHs) mediate the NADP+-dependent oxidation of
	aldehydes into acids and play an important role in the detoxification of alcohol-derived
	acetaldehyde, as well as in lipid peroxidation and in the metabolism of corticosteroids, biogenia
	amines and neurotransmitters. ALDH3A2 (aldehyde dehydrogenase 3 family, member A2), also
	known as SLS, FALDH or ALDH10, is a 485 amino acid single-pass membrane protein that
	localizes to the cytoplasmic side of the endoplasmic reticulum and belongs to the aldehyde
	dehydrogenase family. Expressed in a variety of tissues, including liver, heart, lung, brain, kidne
	and placenta, ALDH3A2 catalyzes the NAD+-dependent oxidation of long-chain aliphatic
	aldehydes to fatty acids, a process that is necessary for detoxification and lipid metabolism.
	Defects in the gene encoding ALDH3A2 are the cause of Sjoegren-Larsson syndrome (SLS), ar
	autosomal recessive neurocutaneous disorder characterized by severe mental retardation,
	seizures and speech defects. Multiple isoforms of ALDH3A2 exist due to alternative splicing
	events.

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN1386584 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months