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Datasheet for ABIN7111455 **anti-ALDH3A2 antibody**

Overview

Quantity:	100 µg
Target:	ALDH3A2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	aldehyde dehydrogenase 3 family, member A2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ALDH3A2
Alternative Name:	ALDH3A2 (ALDH3A2 Products)
Background:	Synonyms:Aldehyde dehydrogenase 10, ALDH10, ALDH3A2, DKFZp686E23276, FALDH, Fatty aldehyde dehydrogenase, FLJ20851, SLS Background:Catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acids. Active on a variety of saturated and unsaturated aliphatic

Target Details

	aldehydes between 6 and 24 carbons in length. Responsible for conversion of the sphingosine 1-phosphate(S1P) degradation product hexadecenal to hexadecenoic acid.
Molecular Weight:	55 kDa
Gene ID:	224
UniProt:	P51648

Application Details

Application Notes:	WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:10-1:100, IP: 1:500-1:5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months