

Datasheet for ABIN7111456 **anti-ALDH3B1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ALDH3B1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	aldehyde dehydrogenase 3 family, member B1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ALDH3B1
Alternative Name:	ALDH3B1 (ALDH3B1 Products)
Background:	Synonyms: Aldehyde dehydrogenase 7, ALDH3B1, ALDH4, ALDH7, FLJ26433 Background: Oxidizes medium and long chain saturated and unsaturated aldehydes. Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3,4-dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both

Target Details

	NADP(+) and NAD(+) as cofactors. May have a protective role against the cytotoxicity induced by lipid peroxidation.
Molecular Weight:	52 kDa
Gene ID:	221
UniProt:	P43353
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:200-1:1000, IHC: 1:20-1:20
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