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Datasheet for ABIN7143669

anti-ALDH3B1 antibody (AA 168-449) (Biotin)

Overview

Quantity:	100 µg
Target:	ALDH3B1
Binding Specificity:	AA 168-449
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3B1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Aldehyde dehydrogenase family 3 member B1 protein (168-449AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ALDH3B1
Alternative Name:	ALDH3B1 (ALDH3B1 Products)
Background:	Background: Oxidizes medium and long chain saturated and unsaturated aldehydes. Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3,4-

Target Details

dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both NADP(+) and NAD(+) as cofactors. May have a protective role against the cytotoxicity induced by lipid peroxidation.

Aliases: ALDH3B1 antibody, ALDH7Aldehyde dehydrogenase family 3 member B1 antibody, EC 1.2.1.28 antibody, EC 1.2.1.5 antibody, EC 1.2.1.7 antibody, Aldehyde dehydrogenase 7 antibody

UniProt: [P43353](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.