

Datasheet for ABIN571184

anti-ALDH3B1 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	ALDH3B1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH3B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ALDH3B1
Immunogen:	C-QDLHKSAFESEVSE
Sequence:	QDLHKSAFES EVSE
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_000685.1) only. This antibody is not expected to cross react with ALDH3B2. Reported variants represent identical protein: NP_000685.1, NP_001154945.1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: ALDH3B1

Alternative Name: ALDH3B1 ([ALDH3B1 Products](#))

Background: ALDH3B1, aldehyde dehydrogenase 3 family, member B1, ALDH4, ALDH7, FLJ26433, FLJ34710, aldehyde dehydrogenase 3B1, aldehyde dehydrogenase 7

Gene ID: 221

NCBI Accession: [NP_000685](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Western Blot: Approx 55 kDa band observed in Human Peripheral Blood Mononucleocytes and in lysates of cell line K562 (calculated MW of 51.8 kDa according to NP_000685.1).
Recommended concentration: 0.3-1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

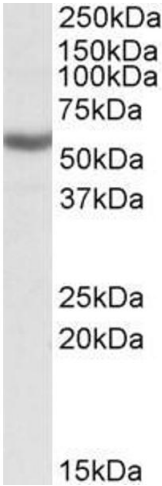
Preservative: Sodium azide

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

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571184 (0.3µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.