Datasheet for ABIN5608775

anti-ALDH9A1 antibody (Internal Region) (Biotin)

1 Image

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Overview

Quantity:	100 µg
Target:	ALDH9A1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH9A1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ALDH9A1, Biotinylated
Sequence:	QKEILDKFTE EVVKQ.
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ALDH9A1

Target Details

Alternative Name:	ALDH9A1 (ALDH9A1 Products)
Background:	ALDH9A1, aldehyde dehydrogenase 9 family, member A1, ALDH4, ALDH7, ALDH9, E3, TMABADH, 4-trimethylaminobutyraldehyde dehydrogenase, R-aminobutyraldehyde dehydrogenase, aldehyde dehydrogenase (NAD+), aldehyde dehydrogenase 9A1, aldehyde dehydrogenase E3 is
Gene ID:	223
NCBI Accession:	NP_000687

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Kidney lysates (calculated MW of 56.3 kDa according to NP_000687.3). This molecular weight is routinely observed by other sources. 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. Biotinylated ABIN5608775 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.

