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anti-ALDH6A1 antibody (AA 262-272)

2 Images



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Overview

Quantity:	100 μg
Target:	ALDH6A1
Binding Specificity:	AA 262-272
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH6A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

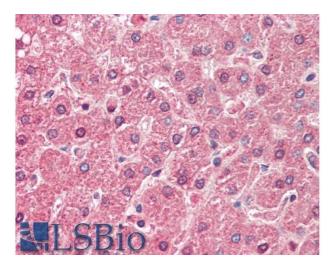
Product Details

Purpose:	ALDH6A1 (aa262-272)
Immunogen:	C-SNKAGEYIFER
Sequence:	SNKAGEYIFE R
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

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Target:	ALDH6A1
Alternative Name:	ALDH6A1 (ALDH6A1 Products)
Background:	ALDH6A1, aldehyde dehydrogenase 6 family, member A1, MGC40271, MMSADHA, MMSDH,
	aldehyde dehydrogenase 6A1, mitochondrial acylating methylmalonate-semialdehyde dehydrogenase
Gene ID:	4329, 104776, 81708
NCBI Accession:	NP_005580
Pathways:	Brown Fat Cell Differentiation
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 5 μ
	g/mL.
	Western Blot: Approx 55 kDa band observed in Human and Mouse Kidney lysates (calculated
	MW of 57.8 kDa according to NP_005580.1). Recommended concentration: 0.1-0.3 μg/mL.
	Peptide ELISA: antibody detection limit dilution 1:32000.
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 refrigerate

at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571255 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 2. ABIN571255 (0.1μg/ml) staining of Mouse Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.