



ALDH1A1 Antibody

CATALOG NUMBER: 45-239



Western Blot (1ug/ml) staining of Human Liver Lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing ALDH1A1 and probed with antibody (mock transfection in first lane).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 54.9kDa according to NP_000680.2). Recommended concentration: 1-3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
IMMUNOGEN:	ALDH1A1 antibody was raised against a 13 amino acid synthetic peptide near the internal region of ALDH1A1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ALDH1A1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ALDH1A1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ALDH1A1, aldehyde dehydrogenase 1 family, member A1, ALDC, ALDH-E1, ALDH1, ALDH11, MGC2318, PUMB1, RALDH1, ALDH class 1, acetaldehyde dehydrogenase 1, aldehyde dehydrogenase 1, soluble, aldehyde dehydrogenase 1A1, aldehyde dehydrogenase, liver cytosolic, retinal dehydrogenase 1
ACCESSION NO.:	NP_000680.2
PROTEIN GI NO.:	21361176
OFFICIAL SYMBOL:	ALDH1A1

GENE ID: 216

Background

REFERENCES: 1) Everts HB, King LE Jr, Sundberg JP, Ong DE. Hair cycle-specific immunolocalization of retinoic acid synthesizing enzymes Aldh1a2 and Aldh1a3 indicate complex regulation. J Invest Dermatol. 2004 Aug;123(2):258-63.

FOR RESEARCH USE ONLY

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