

Datasheet for ABIN571277

anti-IDH1 antibody (AA 65-77)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	IDH1
Binding Specificity:	AA 65-77
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	IDH1 (aa65-77)
Immunogen:	KKHNVGVKCATIT
Sequence:	KKHNVGVKCA TIT
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat, Sheep
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

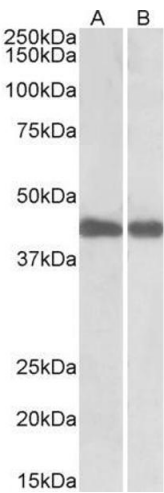
Target:	IDH1
Alternative Name:	IDH1 (IDH1 Products)
Background:	IDH1, isocitrate dehydrogenase 1 (NADP+), soluble, IDCD, IDH, IDP, IDPC, PICD, NADP+-specific ICDH, NADP-dependent isocitrate dehydrogenase, cytosolic, NADP-dependent isocitrate dehydrogenase, peroxisomal, OTTHUMP00000206464, OTTHUMP00000206465, OTTHUMP00
Gene ID:	3417, 15926, 24479
NCBI Accession:	NP_005887
Pathways:	Warburg Effect

Application Details

Application Notes:	Western Blot: Approx 40+45 kDa bands observed in lysates of cell line HepG2 and 40 kDa in Mouse and Rat Liver lysates (calculated MW of 46.7 kDa according to NP_005887.2). The observed 40 kDa is consistent with observaton with different antibodies from othe Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

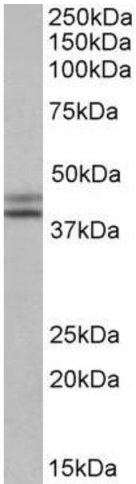
Handling

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. ABIN571277 (0.1µg/ml) staining of Mouse (A) and Rat (B) Liver lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN571277 (0.1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.