



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10532 - Goat Anti-IDH1 (aa65-77) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IDCD, IDH, IDP, IDPC, isocitrate dehydrogenase 1 (NADP+), soluble, NADP+-specific ICDH, NADP-dependent isocitrate dehydrogenase, cytosolic, NADP-dependent isocitrate dehydrogenase, peroxisomal, OTTHUMP00, OTTHUMP00000206464, OTTHUMP00000206465, PICD, IDH1

Official Symbol: IDH1

Accession Number(s): NP_005887.2

Human GeneID(s): [3417](#)

Non-Human GeneID(s): 15926 (mouse), 24479 (rat)

Immunogen

Peptide with sequence KKHNVGVKCATIT, from the internal region of the protein sequence according to NP_005887.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

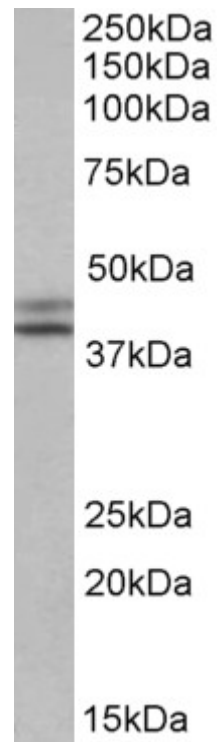
Western blot: Approx 40+45kDa bands observed in lysates of cell line HepG2 and 40kDa in Mouse and Rat Liver lysates (calculated MW of 46.7kDa according to NP_005887.2).

The observed 40kDa is consistent with observation with different antibodies from other commercial sources. Recommended concentration: 1-3µg/ml.

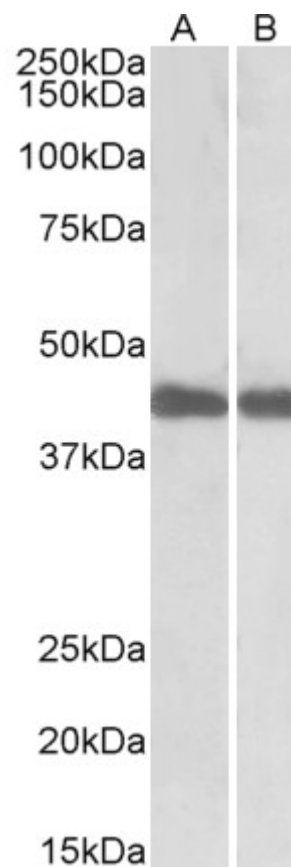
Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Sheep



EB10532 (0.1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10532 (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.