

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10531 - Goat Anti-IDH1 (aa153-164) 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): <u>3417</u> Non-Human GeneID(s): 15926 (mouse), 24479 (rat)

Immunogen

Peptide with sequence C-EITYTPSDGTQK, 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.

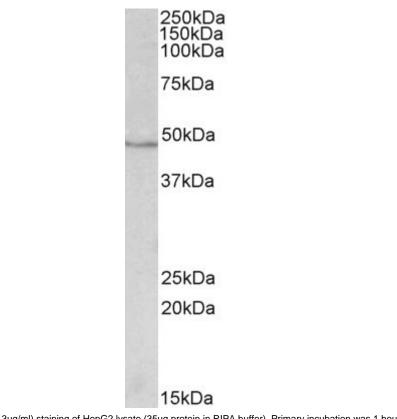
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Approx 48kDa band observed in lysates of cell line HepG2 and of Mouse Liver (calculated MW of 46.7kDa according to NP_005887.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog



EB10531 (0.3µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.