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**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): [3417](#)

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