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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 GenelD(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.

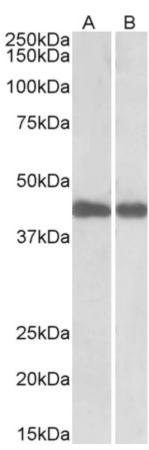
Species Reactivity

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.