

## UK Office

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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 GeneID(s):** 15926 (mouse), 24479 (rat)

### Immunogen

Peptide with sequence KKHNVGKCATIT, 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.

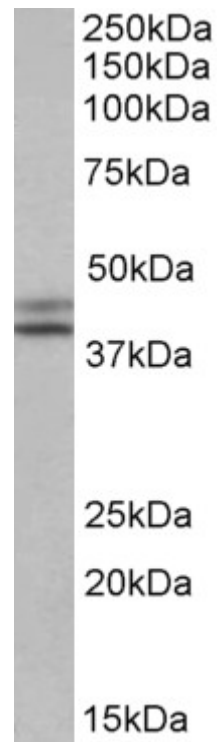
**Western blot:** Approx 40+45kDa bands observed in lysates of cell line HepG2 and 40kDa in Mouse and Rat Liver lysates (calculated MW of 46.7kDa according to NP\_005887.2).

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

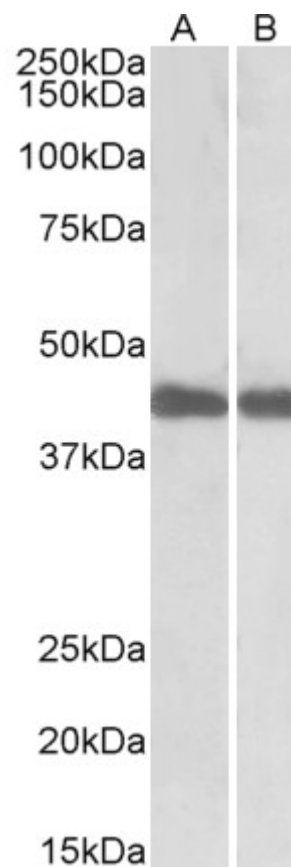
### Species Reactivity

**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.