

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB10529 - Goat Anti-IDH2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ICD-M, IDH, IDHM, IDP, IDPM, isocitrate dehydrogenase 2 (NADP+), mitochondrial, isocitrate dehydrogenase, mitochondrial, mNADP-IDH, NADP+-specific

ICDH, oxalosuccinate decarboxylase, IDH2 **Official Symbol:** IDH2

Accession Number(s): NP_002159.2

Human GeneID(s): 3418

Non-Human GenelD(s): 269951 (mouse), 361596 (rat)

Immunogen

Peptide with sequence CIHGLSNVKLNE, from the internal region of the protein sequence according to NP_002159.2.

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 1:16000.

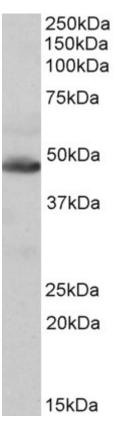
Western blot: Approx 48kDa band observed in Mouse, Rat and Pig Heart lysates (calculated MW of 50.9kDa according to Mouse NP_766599.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 3.75µg/ml.

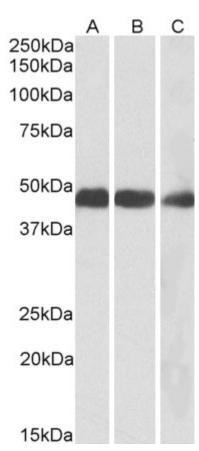
Species Reactivity

Tested: Human, Mouse, Rat, Pig

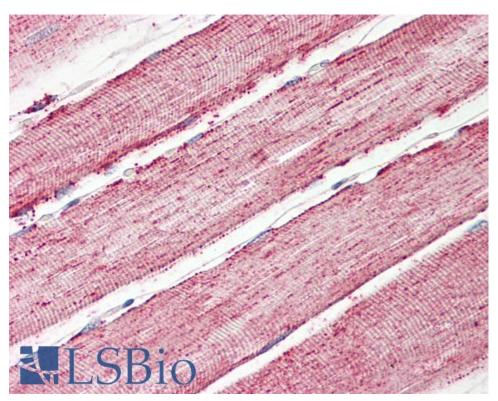
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig



EB10529 (0.1μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB10529 (0.1 μ g/ml) staining of Mouse (A), Rat (B) and Pig (C) Heart lysates (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



 $EB10529\ (3.75\mu g/ml)\ staining\ of\ paraffin\ embedded\ Human\ Skeletal\ Muscle.\ Steamed\ antigen\ retrieval\ with$ citrate buffer pH 6, AP-staining.