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# EB12393 - Goat Anti-LDHA Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** LDHA, lactate dehydrogenase A, GSD11, LDH1, LDHM, L-lactate dehydrogenase A chain, LDH muscle subunit, LDH-A, LDH-M, cell proliferation-inducing gene 19 protein, lactate dehydrogenase M, proliferation-inducing gene 19, renal carcinoma antigen NY-REN-59

Official Symbol: LDHA

Accession Number(s): NP\_005557.1; NP\_001128711.1; NP\_001158886.1

Human GeneID(s): 3939

Important Comments: This antibody is expected to recognize isoform 1, 2 and 3

(NP\_005557.1; NP\_001128711.1; NP\_001158886.1).

## **Immunogen**

Peptide with sequence C-SDLVKVTLTSE, from the C Terminus of the protein sequence according to NP\_005557.1; NP\_001128711.1; NP\_001158886.1.

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 1:64000.

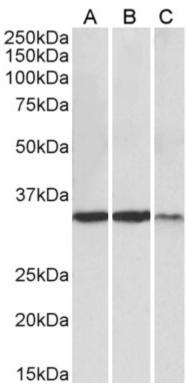
**Western blot:** Approx 35kDa band observed in Human Heart, Skeletal Muscle and Kidney lysates (calculated MW of 36.7kDa according to NP\_005557.1). Recommended

concentration: 0.3-1µg/ml.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB12393 (0.3μg/ml) staining of Heart (A), Skeletal Muscle (B) and Kidney (C) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.