EB12393 - Goat Anti-LDHA Antibody

Size: 100µg specific antibody in 200µl

International Office

Everest Biotech Ltd
Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:
customerservice@vectorlabs.com
Technical Service:
technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

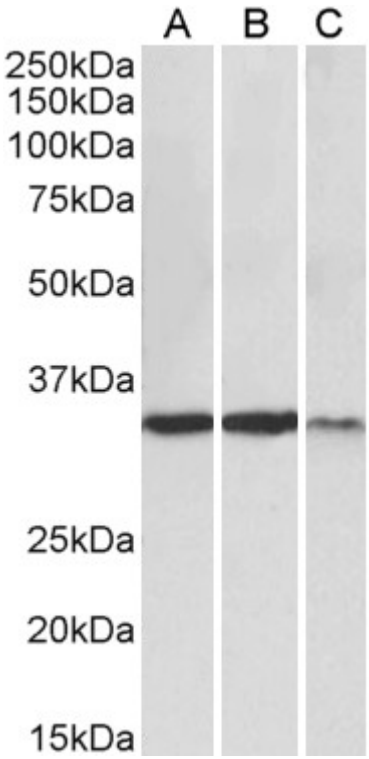
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.