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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07978 - Goat Anti-LDHC (aa 221 - 233) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LDHC, MGC111073, lactate dehydrogenase C, LDH3, LDHX

Official Symbol: LDHC

Accession Number(s): NP_002292.1; NP_059144.1

Human GeneID(s): [3948](#)

Non-Human GeneID(s): 16833 (mouse)

Important Comments: Both variants represent identical product (NP_002292.1 and NP_059144.1).

Immunogen

Peptide with sequence C-DSDKEHWKNVHKQ, from the internal region of the protein sequence according to NP_002292.1; NP_059144.1.

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 1:1000.

Western blot: Approx 35kDa band observed in Mouse Testis lysates (calculated MW of 35.9kDa according to Mouse NP_038608.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Testis. Recommended concentration: 5-6µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse

EB07978 (1µg/ml) staining of Mouse Testes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07978 (5µg/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB07978 Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.