

#### **International Office**

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# 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 GenelD(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.

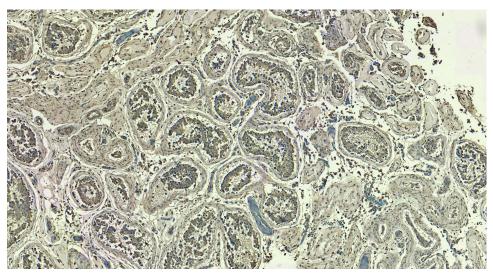
### **Species Reactivity**

Tested: Human, Mouse

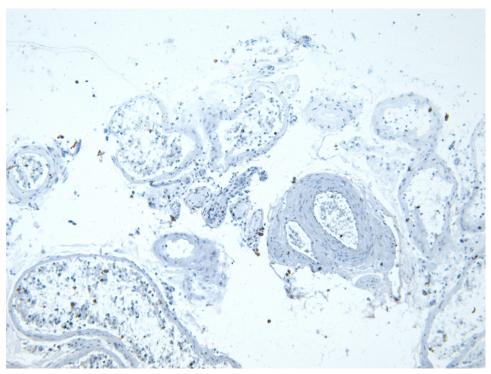
Expected from sequence similarity: Human, Mouse

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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



EB07978 ( $5\mu g/ml$ ) 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.