

# GOAT ANTI-LDHB ANTIBODY

**SKU:** EB12395

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

## SPECIFICATIONS

|                              |   |
|------------------------------|---|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.   |
| <b>Unit Size</b>             | 100 µg  |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Synonym / Alias Names</b> | renal carcinoma antigen NY-REN-46 lactate dehydrogenase H chain LDH heart subunit L-lactate dehydrogenase B chain TRG-5 LDHBD LDH-H LDH-B lactate dehydrogenase B LDHB  |
| <b>Usage Summary</b>         | <strong>Additional validation:</strong> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.   |
| <b>Accession ID</b>          | NP_002291.1   |
| <b>Blocking Peptide</b>      | EBP12395  |
| <b>Immunogen</b>             | Peptide with sequence C-NARGLTSVINQKLK, from the internal region (near C terminus) of the protein sequence according to NP_002291.1.  |
| <b>Product Comments</b>      | Reported variants represent identical protein: NP_002291.1, NP_001167568.1.   |
| <b>Peptide Sequence</b>      | C-NARGLTSVINQKLK  |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Shipping Instructions</b> | Refrigerated  |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Pig, Cow  |
| <b>Reactive Species</b>      | Human, Mouse, Rat, Pig  |
| <b>Human Gene ID</b>         | 3945  |
| <b>Mouse Gene ID</b>         | 16832   |
| <b>Rat Gene ID</b>           | 24534   |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a> |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:16000.  |
| <b>Western Blot</b>          | Approx 35kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 36.6kDa according to NP_002291.1). Recommended concentration: 0.03-0.1µg/ml.  |
| <b>Application Type</b>      | Pep-ELISA, WB   |

## SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

