

## Goat LDHB Polyclonal Antibody | anti-LDHB antibody

Goat anti-LDHB Antibody

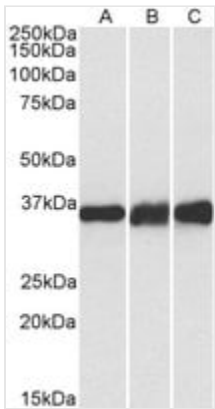
| CATALOG # | HOST | REACTIVITY                                                                                          | APPLICATIONS        |
|-----------|------|-----------------------------------------------------------------------------------------------------|---------------------|
| AAA61731  | Goat | Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow | Western Blot, ELISA |

### PRODUCT SYNONYMS

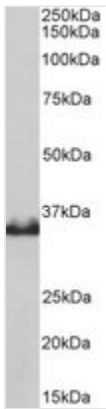
LDHB; Polyclonal Antibody; Goat anti-LDHB Antibody; Goat Anti-LDHB (aa15-25) Antibody; lactate dehydrogenase B; LDH-B; LDH-H; LDHBD; TRG-5; L-lactate dehydrogenase B chain; LDH heart subunit; lactate dehydrogenase H chain; renal carcinoma antigen NY-REN-46; LDHB antibody; lactate dehydrogenase B antibody; LDH-B antibody; LDH-H antibody; LDHBD antibody; TRG-5 antibody; L-lactate dehydrogenase B chain antibody; LDH heart subunit antibody; lactate dehydrogenase H chain antibody; renal carcinoma antigen NY-REN-46 antibody; anti-LDHB antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow                                   |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | NARGLTSVIN QKLK                                                                                                                       |
| Sequence Length                                | 334                                                                                                                                   |
| Applicable Applications for anti-LDHB antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                              |
| Immunogen                                      | Peptide with sequence C-NARGLTSVINQKLK, from the internal region (near C terminus) of the protein sequence according to NP_002291.1.  |
| Epitope                                        | Internal region (near C Terminus)                                                                                                     |
| Note                                           | Reported variants represent identical protein: NP_002291.1, NP_001167568.1.                                                           |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |



**WB (Western Blot)**  
0.1ug/ml staining of Human (A), Mouse (B) and Rat (C) Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**WB (Western Blot)**  
0.1ug/ml staining of Pig Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 4557032                                      |
| NCBI GeneID                      | 3945                                         |
| NCBI Accession #                 | NP_002291.1                                  |
| NCBI GenBank Nucleotide #        | NM_002300.7                                  |
| Molecular Weight                 | 36,638 Da                                    |
| NCBI Official Full Name          | L-lactate dehydrogenase B chain isoform LDHB |
| NCBI Official Synonym Full Names | lactate dehydrogenase B                      |
| NCBI Official Symbol             | LDHB                                         |
| NCBI Official Synonym Symbols    | LDH-B; LDH-H; LDHBD; TRG-5; HEL-S-281        |
| NCBI Protein Information         | L-lactate dehydrogenase B chain              |
| UniProt Protein Name             | L-lactate dehydrogenase B chain              |
| UniProt Gene Name                | LDHB                                         |
| UniProt Synonym Gene Names       | LDH-B; LDH-H                                 |
| UniProt Entry Name               | LDHB_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.