

## LDH-B Antibody | anti-LDH-B antibody

LDH-B Antibody

|                               |                                        |                                                                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA311868</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------|

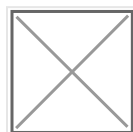
### PRODUCT SYNONYMS

LDH-B; LDH-B Antibody; Epididymis secretory protein Li 281 antibody HEL S 281 antibody L lactate dehydrogenase B chain antibody L-lactate dehydrogenase B chain antibody Lactate dehydrogenase H chain antibody LDH B antibody LDH H antibody LDH heart subunit antibody LDH-B antibody LDH-H antibody LDHB antibody LDHB\_HUMAN antibody LDHBD antibody LDHH antibody Renal carcinoma antigen NY REN 46 antibody Renal carcinoma antigen NY-REN-46 antibody TRG-5 antibody TRG5 antibody; anti-LDH-B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                   |
| Purity/Purification                             | Immunogen affinity purified                                                                         |
| Form/Format                                     | 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.                              |
| Concentration                                   | 1mg/ml (varies by lot)                                                                              |
| Applicable Applications for anti-LDH-B antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot) |
| Immunogen Description                           | Peptide                                                                                             |
| Preparation and Storage                         | Store at -20°C                                                                                      |

### IMAGES


**WB (Western Blot)**

Western blot analysis on HeLa/ mouse brain using anti-LDH-B polyclonal antibody

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-LDH-B antibody | Lactate dehydrogenase (LDH) is an enzyme present in a wide variety of organisms, including plants and animals. It catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD <sup>+</sup> . In medicine, LDH is often used as a marker of tissue breakdown as LDH is abundant in red blood cells and can function as a marker for hemolysis. In mammals, three types of LDH subunits (35 kDa) are encoded by the genes Ldh-A, Ldh-B, and Ldh-C. Lactate dehydrogenase B (LDH-B, heart subunit, LDH-H) is involved in the conversion of L-lactate and NAD to pyruvate and NADH and it is predominantly localized in the heart tissue. Similar to other LDH subunit, LDH-B is considered to be an important marker for germ cell tumor. |
| Product Categories/Family for anti-LDH-B antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|             |        |
|-------------|--------|
| NCBI GI #   | 126041 |
| NCBI GeneID | 3945   |

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | P07195                                                                                                                                                    |
| Molecular Weight                 | 37kDa                                                                                                                                                     |
| NCBI Official Full Name          | L-lactate dehydrogenase B chain                                                                                                                           |
| 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; LDH heart subunit; lactate dehydrogenase H chain; renal carcinoma antigen NY-REN-46; epididymis secretory protein Li 281 |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/ldh-b/311868>