

## Rabbit Pyruvate Dehydrogenase Beta (PDHb) Polyclonal Antibody | anti-PDHb antibody

Polyclonal Antibody to Pyruvate Dehydrogenase Beta (PDHb)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA133271 | Rabbit | Mouse, Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

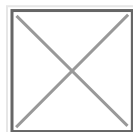
### PRODUCT SYNONYMS

Pyruvate Dehydrogenase Beta (PDHb); Polyclonal Antibody; Polyclonal Antibody to Pyruvate Dehydrogenase Beta (PDHb); anti-PDHb antibody

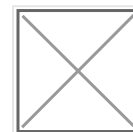
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                     | Mouse, Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against PDHb. It has been selected for its ability to recognize PDHb in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                   |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                                                       |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence                                       | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGS- GAYKVSRLW KKYGDKRIID TPISMGFAG IAVGAAMAGL RPICEFMTFN FSMQAIDQVI<br>NSAAKTYMS AGLQPPIVF RGPNGASAGV AAQHSQCFAA WYGHCPGLKV VSPWNSEDAK GLIKSAIRDN<br>NPVVMLENEL MYGVAFELPA EAQSKDFLIP IGKAKIERQG THITVVAHSR PVGHCLEAAA VLSKEGIECE<br>VINLRTIRPM DIAIEASVM KTNHLVTVEG GWPQFGVGAE ICARIMEGPA FNFLDAPAVR VTGADVPMPLY AK |
| Sequence Length                                | 328                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for anti-PDHb antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen                                      | Recombinant PDHb (Gly65~Lys336) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                             |
| Cross Reactivity                               | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                    |

### IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 18152793 |
|-----------|----------|

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| NCBI GeneID                      | 68263                                                           |
| NCBI Accession #                 | NP_077183.1                                                     |
| NCBI GenBank Nucleotide #        | NM_024221.3                                                     |
| UniProt Accession #              | Q9D051; Q3TL86; Q505N8; Q99LW9                                  |
| Molecular Weight                 | 38,937 Da                                                       |
| NCBI Official Full Name          | pyruvate dehydrogenase E1 component subunit beta, mitochondrial |
| NCBI Official Synonym Full Names | pyruvate dehydrogenase (lipoamide) beta                         |
| NCBI Official Symbol             | Pdhb                                                            |
| NCBI Official Synonym Symbols    | C81408; AL024199; 2610103L06Rik                                 |
| NCBI Protein Information         | pyruvate dehydrogenase E1 component subunit beta, mitochondrial |
| UniProt Protein Name             | Pyruvate dehydrogenase E1 component subunit beta, mitochondrial |
| UniProt Gene Name                | <b>Pdhb</b>                                                     |
| UniProt Synonym Gene Names       | PDHE1-B                                                         |

**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/polyclonal/pyruvate-dehydrogenase-beta-pdhb-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133271>