

## Rabbit Pyruvate dehydrogenase Polyclonal Antibody

Rabbit anti-E Coli-k12 Pyruvate dehydrogenase polyclonal Antibody

|                               |                       |                                       |                              |
|-------------------------------|-----------------------|---------------------------------------|------------------------------|
| CATALOG #<br><b>AAA118232</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Escherichia coli</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|---------------------------------------|------------------------------|

### PRODUCT SYNONYMS

Pyruvate dehydrogenase; Polyclonal Antibody; Rabbit anti-E Coli-k12 Pyruvate dehydrogenase polyclonal Antibody; Pyruvate dehydrogenase [ubiquinone] (EC 1.2.5.1) (Pyruvate oxidase) (POX) [Cleaved into: Alpha-peptide]; poxB; anti-Pyruvate dehydrogenase antibody

### PRODUCT SPECIFICATIONS

|                                                                  |                                                                                    |
|------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                                             | Rabbit                                                                             |
| Reactivity                                                       | Escherichia coli                                                                   |
| Clonality                                                        | Polyclonal                                                                         |
| Isotype                                                          | IgG                                                                                |
| Purity/Purification                                              | >95%, Protein G purified                                                           |
| Form/Format                                                      | Liquid                                                                             |
| Applicable Applications for anti-Pyruvate dehydrogenase antibody | ELISA                                                                              |
| Immunogen                                                        | Recombinant Escherichia coli Pyruvate dehydrogenase [ubiquinone] protein (1-572AA) |
| Conjugate                                                        | Non-conjugated                                                                     |
| Storage Buffer                                                   | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4   |
| Species                                                          | Escherichia coli                                                                   |
| Research Area                                                    | Others                                                                             |
| Target Names                                                     | poxB                                                                               |
| Preparation and Storage                                          | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                      |

### ADDITIONAL INFORMATION

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| Related Product Information for anti-Pyruvate dehydrogenase antibody | Previous research has established that 4-hydroxy-2-nonenal (HNE), a highly toxic product of lipid peroxidation, is a potent inhibitor of mitochondrial respiration. |
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### NCBI AND UNIPROT INFORMATION

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| UniProt Accession # | P07003 |
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**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.