

[Go to Product page](#)

## Datasheet for ABIN708221 **anti-PDHX antibody (AA 231-330)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | PDHX  |
| Binding Specificity: | AA 231-330  |
| Reactivity:          | Mouse, Rat  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This PDHX antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PDHX |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Mouse, Rat   |
| Predicted Reactivity: | Human,Dog  |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|         |      |
|---------|------|
| Target: | PDHX |
|---------|------|

## Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | PDHX ( <a href="#">PDHX Products</a> )   |
| Background:       | <p>Synonyms: Dihydrolipoamide dehydrogenase binding protein of pyruvate dehydrogenase complex, Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex, DLDBP, E3 binding protein, E3-binding protein, E3BP, Lipoyl containing pyruvate dehydrogenase complex component X, Lipoyl-containing pyruvate dehydrogenase complex component X, mitochondrial, ODPX_HUMAN, OPDX, PDHX, PDX 1, PDX1, Pro X, ProX, Pyruvate dehydrogenase complex component X, Pyruvate dehydrogenase complex lipoyl containing component X, Pyruvate dehydrogenase complex, E3 binding protein subunit, Pyruvate dehydrogenase protein X component, Pyruvate dehydrogenase protein X component mitochondrial.</p> <p>Background: PDHX is component X of the pyruvate dehydrogenase (PDH) complex. It is required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex. PDHX is expressed in the mitochondrion.</p> |

Gene ID: 8050

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
|--------------------|---|

Restrictions: For Research Use only

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 µg/µL   |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.               |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months