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Datasheet for ABIN5531812  
**anti-PDK3 antibody (C-Term)**

2 Images

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL   |
| Target:              | PDK3   |
| Binding Specificity: | AA 387-414, C-Term   |
| Reactivity:          | Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PDK3 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

|               |  |
|---------------|--|
| Immunogen:    | This Mouse Pdk3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-414 amino acids from the C-terminal region of mouse Pdk3. |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

Target Details

|                   |   |
|-------------------|---|
| Target:           | PDK3  |
| Alternative Name: | Pdk3 ( <a href="#">PDK3 Products</a> )  |
| Background:       | Pdk3 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism (By similarity). |

## Target Details

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|                   |   |
|-------------------|---|
| Molecular Weight: | 48 kDa  |
| Gene ID:          | 236900  |
| UniProt:          | <a href="#">Q922H2</a>  |
| Pathways:         | <a href="#">PI3K-Akt Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Warburg Effect</a> |

## Application Details

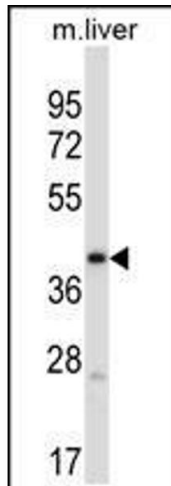
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|                    |  |
|--------------------|--|
| Application Notes: | For WB starting dilution is: 1:1000<br><br>For IHC-P starting dilution is: 1:10~50 |
| Restrictions:      | For Research Use only  |

## Handling

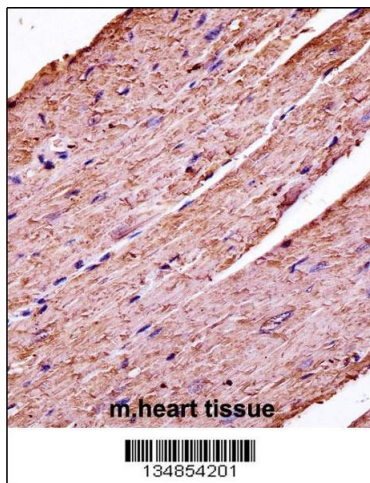
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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 0.5 mg/mL  |
| Buffer:            | Supplied in PBS with 0.09 % (W/V) sodium azide.  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |



### Western Blotting

**Image 1.** Western blot analysis in mouse liver tissue lysates (35ug/lane).



### Immunohistochemistry

**Image 2.** Mouse Pdk3 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.