

Datasheet for ABIN7075334

**anti-PDK3 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PDK3
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein corresponding to Mouse PDK3
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	PDK3
Alternative Name:	PDK3 ( <a href="#">PDK3 Products</a> )
Background:	<p>PDK3([Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial) is also named as PDHK3 and belongs to the PDK/BCKDK protein kinase family. It inhibits pyruvate dehydrogenase activity by phosphorylation of the E1 subunit PDHA1, and thereby regulates glucose metabolism and aerobic respiration. It has 2 isoforms produced by alternative splicing with the molecular weight of 47 and 48 kDa. This protein can exist as a dimer with the</p>

## Target Details

	molecular weight of 90 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>

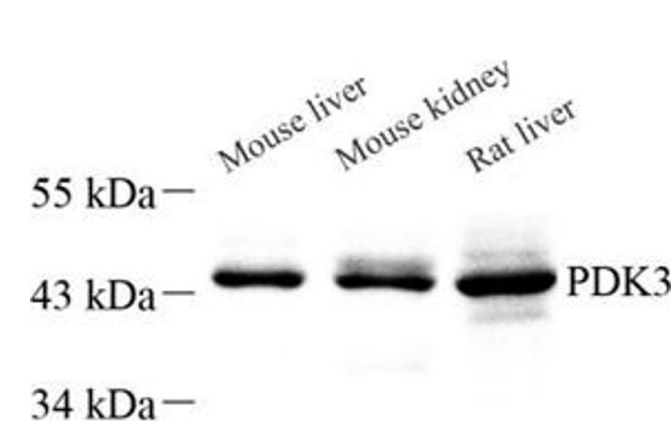
## Application Details

Application Notes:	IHC/IF (M,R) 1:2000-1:4000
Restrictions:	For Research Use only

## Handling

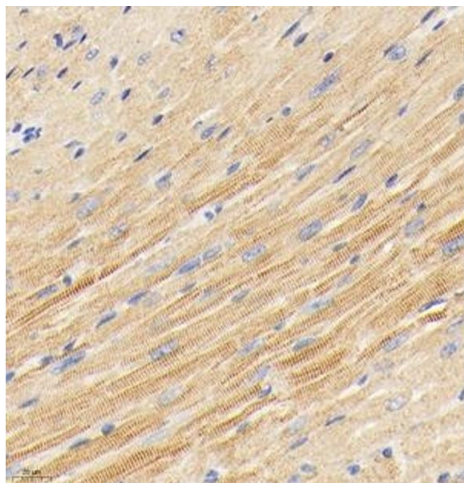
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Images



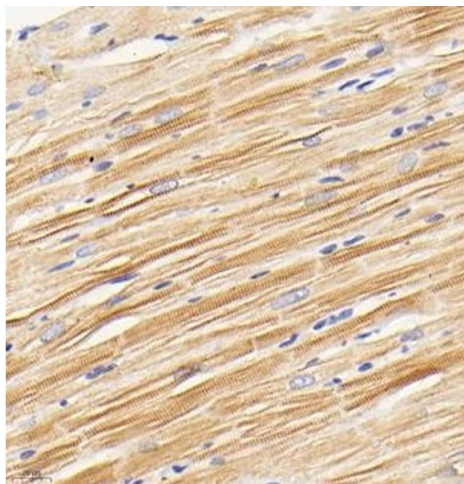
### Western Blotting

**Image 1.** Western blot analysis of PDK3 (ABIN7075334) at dilution of 1: 1000



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffin embedded mouse heart using PDK3 (ABIN7075334) at dilution of 1: 2000



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry analysis of paraffin embedded rat heart using PDK3 (ABIN7075334) at dilution of 1: 2000