

Datasheet for ABIN7439630  
**anti-PDK4 antibody (AA 117-387)**

## 7 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PDK4
Binding Specificity:	AA 117-387
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Pyruvate Dehydrogenase Kinase 4 (PDK4)
Immunogen:	Recombinant Pyruvate Dehydrogenase Kinase 4 (PDK4) corresponding to Val117~Gln387 (Accession # O70571)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDK4. It has been selected for its ability to recognize PDK4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	PDK4
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## Target Details

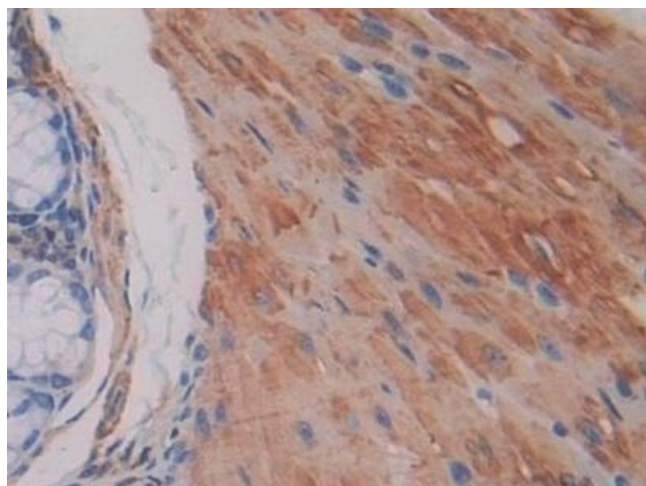
Alternative Name:	Pyruvate Dehydrogenase Kinase 4 ( <a href="#">PDK4 Products</a> )
Background:	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial, Pyruvate Dehydrogenase Kinase Isozyme 4
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">Hedgehog Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Warburg Effect</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

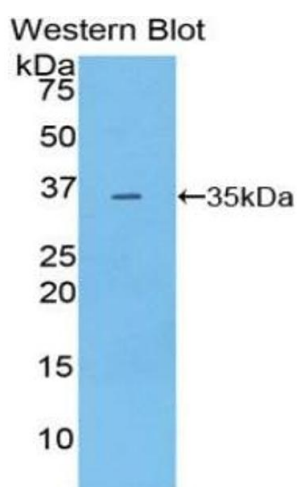
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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 frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



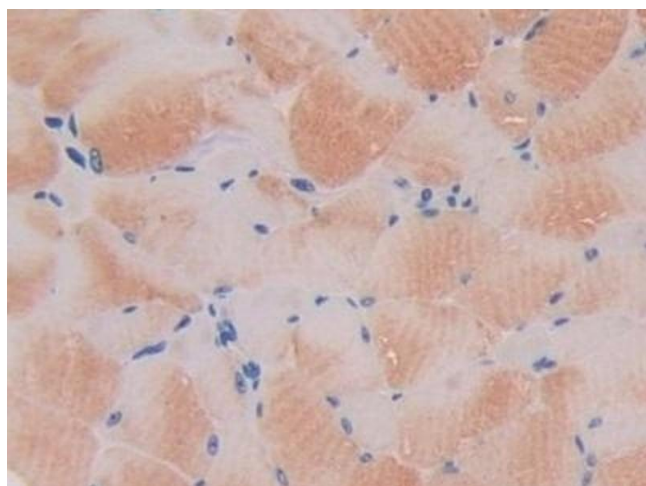
#### Immunohistochemistry

**Image 1.** Detection of PDK4 in Mouse Colon Tissue using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase 4 (PDK4)



#### Western Blotting

**Image 2.** Detection of Recombinant PDK4, Mouse using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase 4 (PDK4)



#### Immunohistochemistry

**Image 3.** Detection of PDK4 in Mouse Skeletal muscle Tissue using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase 4 (PDK4)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7439630.