

Datasheet for ABIN7439393  
**anti-PDPK1 antibody (AA 83-338)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	PDPK1
Binding Specificity:	AA 83-338
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Phosphoinositide Dependent Protein Kinase 1 (PDPK1)
Immunogen:	Recombinant Phosphoinositide Dependent Protein Kinase 1 (PDPK1) corresponding to Lys83~Ala338 (Accession # O15530)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDPK1. It has been selected for its ability to recognize PDPK1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	PDPK1
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## Target Details

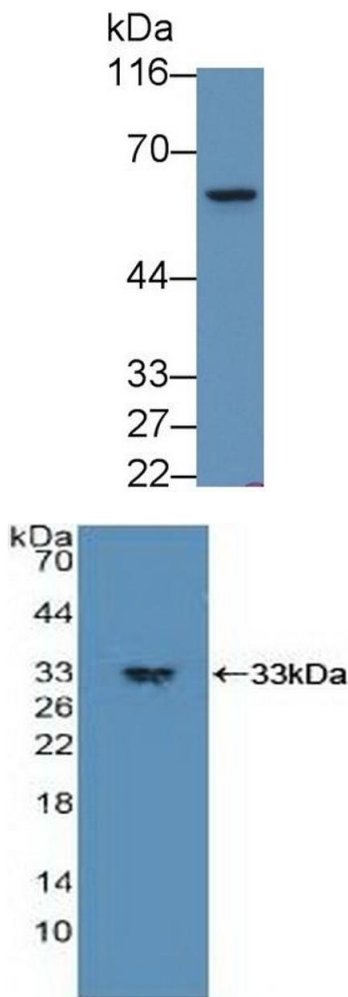
Alternative Name:	Phosphoinositide Dependent Protein Kinase 1 ( <a href="#">PDPK1 Products</a> )
Background:	PDK1, PkB-Like 1
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">VEGFR1 Specific Signals</a>

## Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



#### Western Blotting

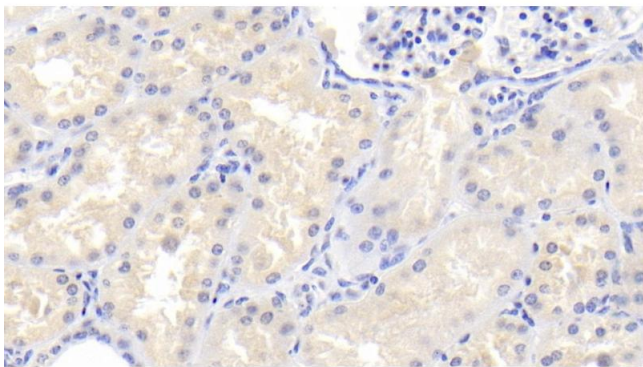
**Image 1.** Detection of PDPK1 in MCF7 cell lysate using Polyclonal Antibody to Phosphoinositide Dependent Protein Kinase 1 (PDPK1)

#### Western Blotting

**Image 2.** Detection of Recombinant PDPK1, Human using Polyclonal Antibody to Phosphoinositide Dependent Protein Kinase 1 (PDPK1)

#### Immunohistochemistry

**Image 3.** Detection of PDPK1 in Human Kidney Tissue using Polyclonal Antibody to Phosphoinositide Dependent Protein Kinase 1 (PDPK1)



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7439393.