

Datasheet for ABIN359096  
**anti-PDK2 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	0.4 mL
Target:	PDK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-term region of human PDK2.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PDK2.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

## Target Details

Target:	PDK2
Alternative Name:	PDK2 ( <a href="#">PDK2 Products</a> )

## Target Details

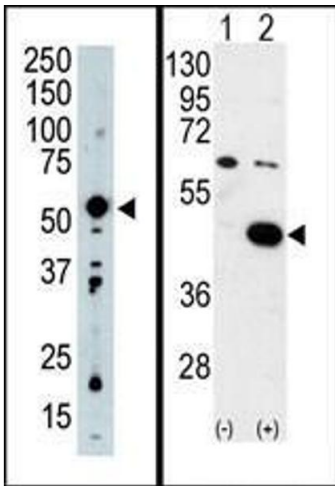
Background:	PDK2 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.Synonyms: Pyruvate dehydrogenase kinase isoform 2, Pyruvate dehydrogenase lipoamide kinase isozyme 2 mitochondrial
Gene ID:	5164, 9606
UniProt:	<a href="#">Q15119</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Warburg Effect</a>

## Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

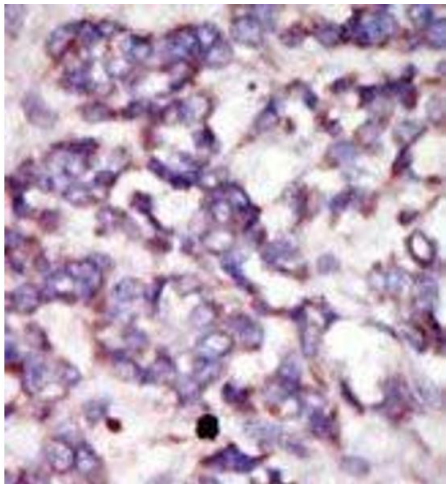
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.



### Western Blotting

**Image 1.** (LEFT) Western blot analysis of PDK2 Antibody (C-term) in mouse intestine tissue lysate (35ug/lane). PDK2 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of PDK2 (arrow) using PDK2 Antibody



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.