

Datasheet for ABIN7439423
anti-PDK2 antibody (AA 155-379)

6 Images

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Overview

Quantity:	100 µL
Target:	PDK2
Binding Specificity:	AA 155-379
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2)
Immunogen:	Recombinant Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2) corresponding to Leu155~Trp379 (Accession # Q9JK42)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDK2. It has been selected for its ability to recognize PDK2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PDK2
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Target Details

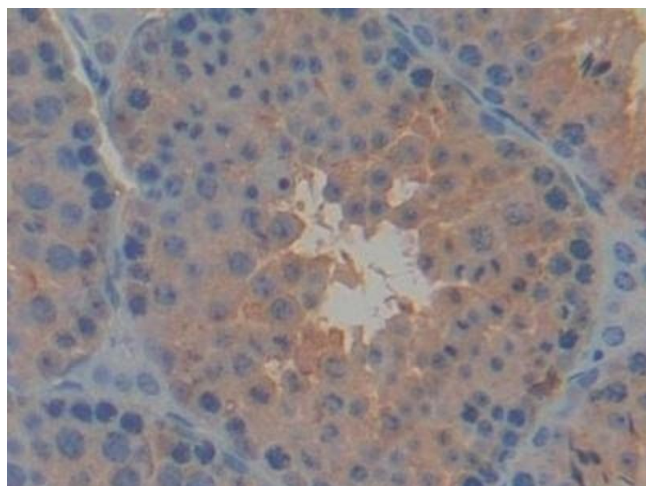
Alternative Name:	Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2 Products)
Background:	PDHK2, [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
Pathways:	PI3K-Akt Signaling , RTK Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:170-700 Immunohistochemistry: 5-20 µg/mL 1:17-70 Immunocytochemistry: 5-20 µg/mL 1:17-70 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

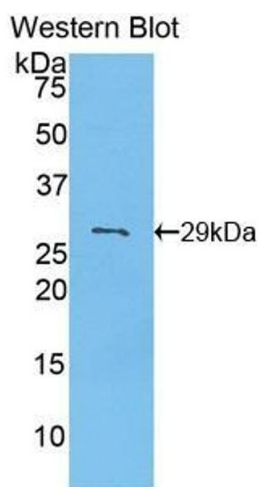
Handling

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



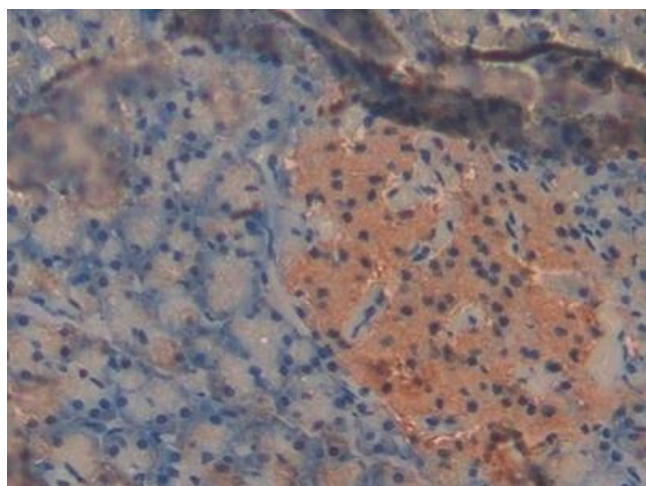
Immunohistochemistry

Image 1. Detection of PDK2 in Mouse Testis Tissue using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2)



Western Blotting

Image 2. Detection of Recombinant PDK2, Mouse using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2)



Immunohistochemistry

Image 3. Detection of PDK2 in Mouse Pancreas Tissue using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 2 (PDK2)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7439423.