Datasheet for ABIN6997413

anti-PDK1 antibody (AA 172-399)

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1 Image

Overview

Quantity:	200 µL
Target:	PDK1
Binding Specificity:	AA 172-399
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 1 (PDK1)
Immunogen:	Recombinant Pyruvate Dehydrogenase Kinase Isozyme 1 (PDK1) corresdonding to Val172~Pro399 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDK1. It has been selected for its ability to recognize PDK1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PDK1

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Target Details

Alternative Name:	Pyruvate Dehydrogenase Kinase Isozyme 1 (PDK1 Products)
Background:	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial
Pathways:	PI3K-Akt Signaling, RTK Signaling, Regulation of Carbohydrate Metabolic Process, Hepatitis C, Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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

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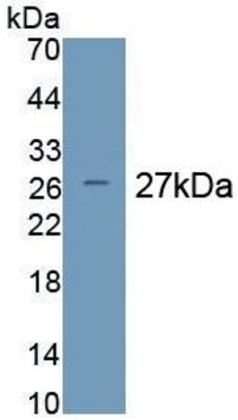

Western Blotting

Image 1. Detection of Recombinant PDK1, Rat using Polyclonal Antibody to Pyruvate Dehydrogenase Kinase Isozyme 1 (PDK1)

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