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Datasheet for ABIN7432574
anti-PDHA1 antibody (AA 30-390)

7 Images

Overview

Quantity:	100 µL
Target:	PDHA1
Binding Specificity:	AA 30-390
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pyruvate dehydrogenase alpha 1 (PDHA1)
Immunogen:	Recombinant Pyruvate dehydrogenase alpha 1 (PDHA1) corresponding to Phe30~Ser390 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDHA1. It has been selected for its ability to recognize PDHA1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PDHA1
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Target Details

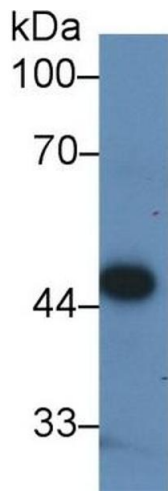
Alternative Name:	Pyruvate dehydrogenase alpha 1 (PDHA1 Products)
Background:	PDHCE1A, PHE1A, PHE1-A, PDHa, PDH-A, Pyruvate Dehydrogenase(lipoamide)Alpha 1, Pyruvate Dehydrogenase E1 Component Subunit Alpha,Aomatic Form,Mitochondrial, Pyruvate Dehydrogenase Alpha
Pathways:	Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

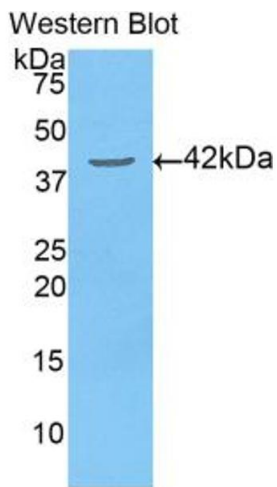
Handling

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



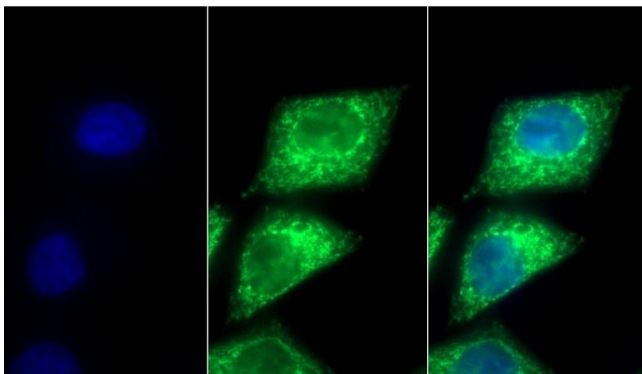
Western Blotting

Image 1. Detection of PDHA1 in Human ECV304 cell lysate using Polyclonal Antibody to Pyruvate dehydrogenase alpha 1 (PDHA1)



Western Blotting

Image 2. Detection of Recombinant PDHa, Human using Polyclonal Antibody to Pyruvate dehydrogenase alpha 1 (PDHA1)



Immunofluorescence

Image 3. Detection of PDHA1 in Human HepG2 cell using Polyclonal Antibody to Pyruvate dehydrogenase alpha 1 (PDHA1)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7432574.