

Datasheet for ABIN7644875
anti-PRODH antibody



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Overview

Quantity:	100 µL
Target:	PRODH
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRODH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Proline Dehydrogenase, Mitochondrial (PRODH)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRODH. It has been selected for its ability to recognize PRODH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PRODH
Alternative Name:	PRODH (PRODH Products)

Target Details

Background: PDH, PIG6, POX2, PRODH1, PRODH2, SCZD4, TP53I6, p53-induced gene 6 protein, L-Proline Dehydrogenase, L-Proline(acceptor)Oxidoreductase, Proline Oxidase 1

UniProt: [O43272](#)

Pathways: [Response to Water Deprivation, Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 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

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: Dithiothreitol (DTT), ProClin

Precaution of Use: This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES 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.