

Datasheet for ABIN7644876
anti-PRODH antibody



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Overview

Quantity:	100 µL
Target:	PRODH
Reactivity:	Mouse
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)
Immunogen:	RPC755Mu01Recombinant 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:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PRODH
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Target Details

Alternative Name:	PRODH (PRODH Products)
Background:	PDH, PIG6, POX2, PRODH1, PRODH2, SCZD4, TP53I6, p53-induced gene 6 protein, L-Proline Dehydrogenase, L-Proline(acceptor)Oxidoreductase, Proline Oxidase 1
UniProt:	Q9WU79
Pathways:	Response to Water Deprivation , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,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:	1 mg/mL
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.