.-online.com antibodies

Datasheet for ABIN752878 anti-PDHA1 antibody (pSer293)

Image



Overview

Quantity:	100 µL
Target:	PDHA1
Binding Specificity:	pSer293
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

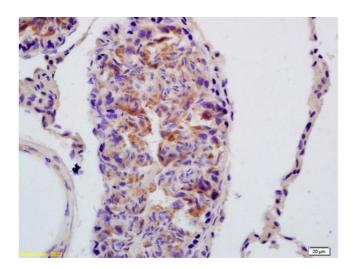
Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PDHA1 around the
Isotype:	phosphorylation site of Ser293 IgG
Specificity:	This phosphorylation site is homologous across the listed species. This antibody will detect PDHA2, the testis specific form, when phosphorylated at Ser293 in Human, Ser296 in Mouse, and the predicted site of Ser296 in Rat due to sequence homology.
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

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Target Details

Target:	PDHA1
Alternative Name:	PDHA1 (PDHA1 Products)
Background:	Synonyms: PDHA, PDHAD, PHE1A, PDHCE1A, Pyruvate dehydrogenase E1 component subunit
	alpha, somatic form, mitochondrial, PDHE1-A type I, PDHA1
	Background: The pyruvate dehydrogenase complex catalyzes the overall conversion of
	pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic
	cycle.
Gene ID:	5160
UniProt:	P08559
Pathways:	Warburg Effect
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat testis labeled with Anti phospho-PDHA1(Ser293) Polyclonal Antibody (ABIN752878), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

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