

Datasheet for ABIN6259275
anti-PDHA2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PDHA2 (PDHa2)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human PDHA2, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	PDHA2 Antibody detects endogenous levels of total PDHA2.
Predicted Reactivity:	Bovine,Horse,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PDHA2 (PDHa2)
---------	---------------

Target Details

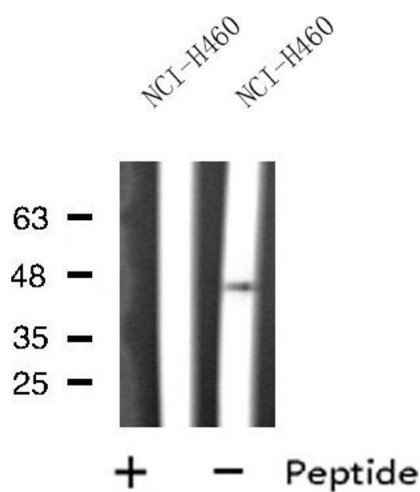
Alternative Name:	PDHA2 (PDHa2 Products)
Background:	Description: The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle. Gene: PDHA2
Molecular Weight:	43 kDa
Gene ID:	5161
UniProt:	P29803
Pathways:	Warburg Effect

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

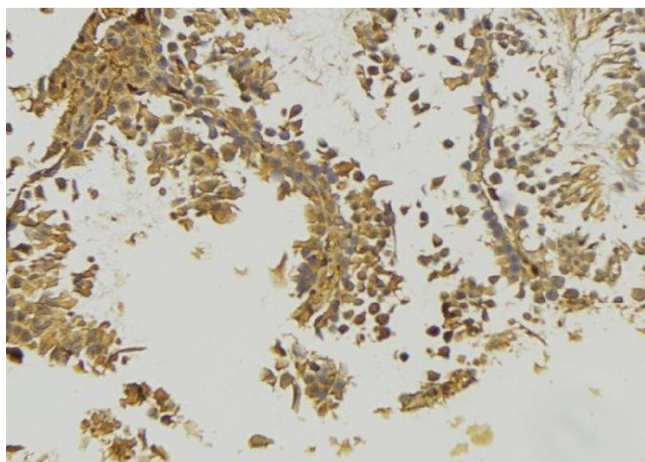
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of PDHA2 expression in NCI-H460 cell line lysates, The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6273382 at 1/100 staining RAT testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary