

Datasheet for ABIN6264110
anti-PDHB antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PDHB
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

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

Target Details

Target:	PDHB
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Target Details

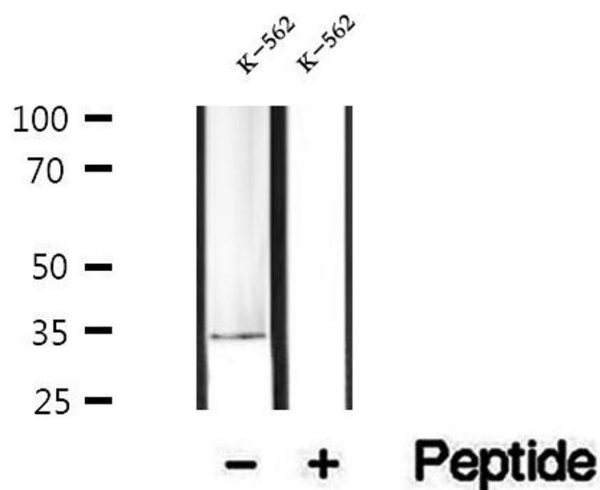
Alternative Name:	PDHB (PDHB Products)
Background:	Description: The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle. Gene: PDHB
Molecular Weight:	34 kDa
Gene ID:	5162
UniProt:	P11177
Pathways:	Warburg Effect

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

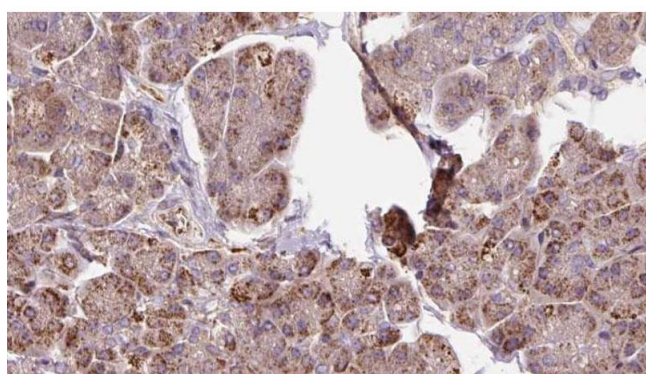
Handling

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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts of K-562 cells, using PDHB antibody.



Immunohistochemistry

Image 2. ABIN6273291 at 1/100 staining Human pancreas cancer 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.