

Datasheet for ABIN7166903
anti-PDHX antibody (AA 1-300)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	PDHX
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Pyruvate dehydrogenase protein X component, mitochondrial protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	PDHX
Alternative Name:	PDHX (PDHX Products)
Background:	Background: Required for anchoring dihydrolipoamide dehydrogenase (E3) to the

Target Details

dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex.

Aliases: Dihydrolipoamide dehydrogenase binding protein of pyruvate dehydrogenase complex antibody, Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex antibody, DLDBP antibody, E3 binding protein antibody, E3-binding protein antibody, E3BP antibody, Lipoyl containing pyruvate dehydrogenase complex component X antibody, Lipoyl-containing pyruvate dehydrogenase complex component X antibody, mitochondrial antibody, ODPX_HUMAN antibody, OPDX antibody, PDHX antibody, PDX 1 antibody, PDX1 antibody, Pro X antibody, proX antibody, Pyruvate dehydrogenase complex component X antibody, Pyruvate dehydrogenase complex lipoyl containing component X antibody, Pyruvate dehydrogenase complex, E3 binding protein subunit antibody, Pyruvate dehydrogenase protein X component antibody, Pyruvate dehydrogenase protein X component mitochondrial antibody

UniProt: [O00330](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

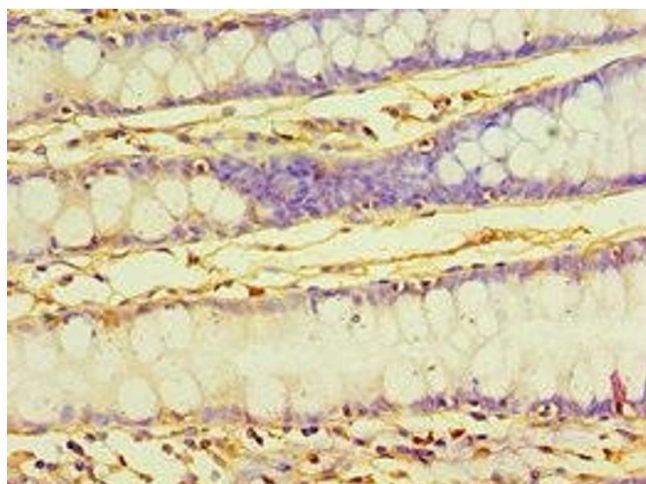
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

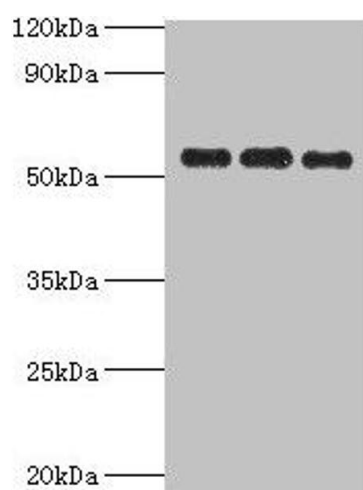
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



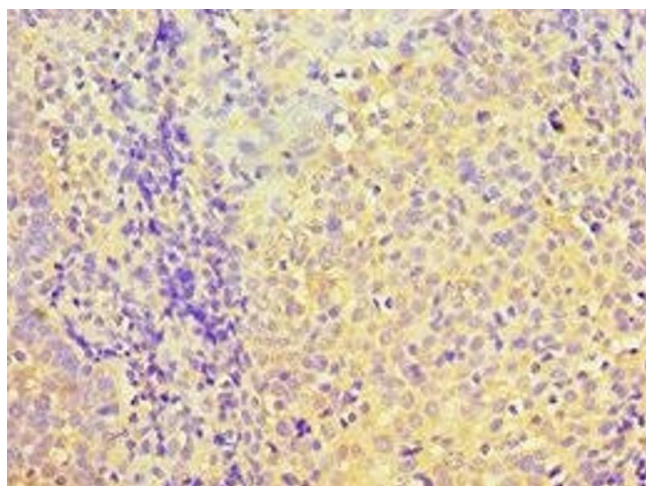
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7166903 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: PDHX antibody at 6 µg/mL
Lane 1: 293T whole cell lysate Lane 2: PC-3 whole cell lysate
Lane 3: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 55, 30, 52 kDa Observed band size: 55 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7166903 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7166903.