

Datasheet for ABIN910565

anti-PDHX antibody (AA 231-330) (AbBy Fluor® 555)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDHX
Binding Specificity:	AA 231-330
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHX antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDHX
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog
Purification:	Purified by Protein A.

Target Details

Target:	PDHX
Alternative Name:	PDHX (PDHX Products)

Target Details

Background:	Synonyms: Dihydrolipoamide dehydrogenase binding protein of pyruvate dehydrogenase complex, Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex, DLDBP, E3 binding protein, E3-binding protein, E3BP, Lipoyl containing pyruvate dehydrogenase complex component X, Lipoyl-containing pyruvate dehydrogenase complex component X, mitochondrial, ODPX_HUMAN, OPDX, PDHX, PDX 1, PDX1, Pro X, ProX, Pyruvate dehydrogenase complex component X, Pyruvate dehydrogenase complex lipoyl containing component X, Pyruvate dehydrogenase complex, E3 binding protein subunit, Pyruvate dehydrogenase protein X component, Pyruvate dehydrogenase protein X component mitochondrial. Background: PDHX is component X of the pyruvate dehydrogenase (PDH) complex. It is required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex. PDHX is expressed in the mitochondrion.
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Gene ID:	8050
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months