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Datasheet for ABIN708223
anti-PDHX antibody (AA 231-330) (Biotin)

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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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.

Gene ID: 8050

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

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 for 12 months.

Expiry Date: 12 months