

## ODPX Rabbit pAb

CatalogNo: YT6637

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 55kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human ODPX AA range: 24-74

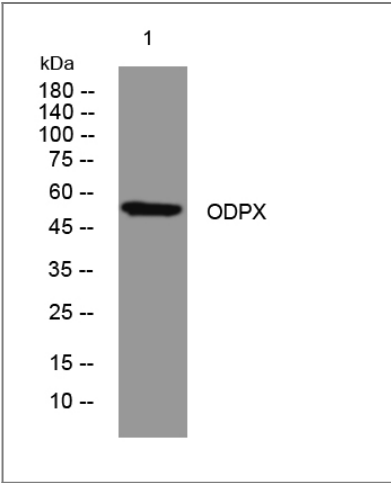
**Specificity** This antibody detects endogenous levels of ODPX at Human/Mouse

### | Target Information

**Gene name** PDHX PDX1

<b>Protein Name</b>	ODPX		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8050;</a>	<a href="#">O00330;</a>
	Mouse	<a href="#">27402;</a>	<a href="#">Q8BKZ9;</a>
<b>Cellular Localization</b>	Mitochondrion matrix.		
<b>Function</b>	Disease:Defects in PDHX are a cause of lacticacidemia [MIM:245349].,Function: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.,similarity:Belongs to the 2-oxoacid dehydrogenase family.,similarity:Contains 1 lipoyl-binding domain.,subunit:Eukaryotic pyruvate dehydrogenase complexes are organized about a core consisting of the oligomeric dihydrolipoamide acetyl-transferase, around which are arranged multiple copies of pyruvate dehydrogenase, dihydrolipoamide dehydrogenase and protein X bound by non-covalent bonds.,		

Validation Data



Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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