## antibodies .- online.com







Background:



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Overview	
Quantity:	100 μg
Target:	PDP
Binding Specificity:	AA 1-154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	Recombinant Human [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial protein (1-154AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	PDP
Alternative Name:	PDP1 (PDP Products)

Background: Catalyzes the dephosphorylation and concomitant reactivation of the alpha

subunit of the E1 component of the pyruvate dehydrogenase complex.

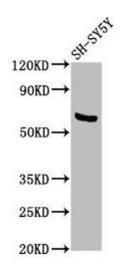
Aliases: [Pyruvate dehydrogenase [acetyl transferring]] phosphatase 1, mitochondrial antibody, [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1 antibody, FLJ32517 antibody, Gm1024 antibody, MGC119646 antibody, mitochondrial antibody, PDH antibody, PDP 1 antibody, PDP antibody, Pdp1 antibody, PDP1\_HUMAN antibody, PDPC 1 antibody, PDPC antibody, Protein phosphatase 2C antibody, protein phosphatase 2C, magnesium dependent, catalytic subunit antibody, Pyruvate dehydrogenase (Lipoamide) phosphatase phosphatase antibody, Pyruvate dehydrogenase phosphatase catalytic subunit 1 antibody, Pyruvate dehydrogenase phosphatase, catalytic subunit 1 antibody, RP23 203A12.1 antibody

UniProt:

Q9P0J1

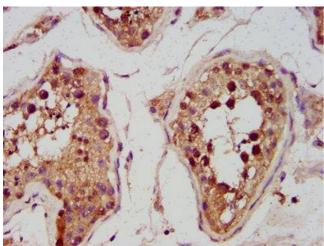
## **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



## **Western Blotting**

Image 1. Western Blot Positive WB detected in: SH-SY5Y whole cell lysate All lanes: PDP1 antibody at 3.6 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 62, 64 kDa Observed band size: 62 kDa



## **Immunohistochemistry**

Image 2. IHC image of ABIN7142012 diluted at 1:600 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.