

	<p style="text-align: center;">PDHB</p>	<p style="text-align: center;">E 9 6 9 4 3</p>
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<b>Antibody type:</b>	Polyclonal Antibody
<b>Applications:</b>	WB IHC
<b>Reactivity:</b>	Human Mouse Rat
<b>Molecular Weight:</b>	39kDa
<b>Immunogen:</b>	Recombinant protein of human PDHB
<b>Gene ID:</b>	5162
<b>Swiss-Prot No.:</b>	P11177
<b>Altername:</b>	PDHBD;PDHE1-B;PHE1B
<b>Source:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Purification:</b>	Affinity purification
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Background:</b>	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and carbon dioxide, and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

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	The E1 enzyme is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 beta subunit. Mutations in this gene are associated with pyruvate dehydrogenase E1-beta deficiency. Alternatively spliced transcript variants have been found for this gene.
<b>Dilution:</b>	WB 1:500 - 1:2000 IHC 1:50 - 1:200
<b>Shipping&amp;Stablity:</b>	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.