

Pyruvate Dehydrogenase E1 α (11V10) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00170

Product information

产品货号	HZ-YMA00170
别名	PDHA1;PHE1A;Pyruvate dehydrogenase E1 component subunit alpha; somatic form, mitochondrial;PDHE1-A type I
产品名称	Pyruvate Dehydrogenase E1 α (11V10) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5160
Human Swissprot No.	P08559
稀释度	IHC-P 1:200-1:1000, WB 1:1000-1:5000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	43kDa
预测分子量	43kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	Monoclonal, rabbit, IgG, Kappa
背景介绍	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multi-enzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , 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). The E1 enzyme is a heterotetramer of two α and two β subunits. This gene encodes the E1 α 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1- α deficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010],
纯化	Protein A
Clonality	Monoclonal