

小鼠抗 PDHA1 单克隆抗体

中文名称： 小鼠抗 PDHA1 单克隆抗体

英文名称： Anti-PDHA1 mouse monoclonal antibody

别名： pyruvate dehydrogenase E1 alpha 1 subunit; PDHA; PDHAD; PHE1A; PDHCE1A

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： PDHA1

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

Background:

The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, 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 alpha and two beta subunits. This gene encodes the E1 alpha 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-alpha

	a deficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Applications:	WB, IF
Name of antibody:	PDHA1
Immunogen:	Fusion protein of human PDHA1
Full name:	pyruvate dehydrogenase E1 alpha 1 subunit
Synonyms:	PDHA; PDHAD; PHE1A; PDHCE1A
SwissProt:	P08559
WB Predicted band size:	43 kDa
WB Positive control:	293, 1299, mEsc and Tc1 cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	50-100



