

兔抗 PDHA1 多克隆抗体

- 中文名称：兔抗 PDHA1 多克隆抗体
- 英文名称：Anti-PDHA1 rabbit polyclonal 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：Rabbit
- 抗原：PDHA1
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

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 deficiency and X-linked Leigh syndrome. Alternatively spliced trans

	cript variants encoding different isoforms have been found for this gene.
Applications:	ELISA, WB, IHC
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
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human cervical cancer and Human tonsil
IHC Recommend dilution:	50-300
WB Predicted band size:	43 kDa
WB Positive control:	Mouse brain tissue, HepG2, Hela, A549 cell, Mouse skeletal muscle tissue, NIH/3T3 cell lysates
WB Recommended dilution:	1000-5000



