

## 兔抗 DLAT 多克隆抗体

中文名称：兔抗 DLAT 多克隆抗体

英文名称： Anti-DLAT rabbit polyclonal antibody

别名： DLTA; PDCE2; PDC-E2

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： DLAT

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

#### Background:

This gene encodes component E2 of the multi-enzyme pyruvate dehydrogenase complex (PDC). PDC resides in the inner mitochondrial membrane and catalyzes the conversion of pyruvate to acetyl coenzyme A. The protein product of this gene, dihydrolipoamide acetyltransferase, accepts acetyl groups formed by the oxidative decarboxylation of pyruvate and transfers them to coenzyme A. Dihydrolipoamide acetyltransferase is the antigen for antimitochondrial antibodies. These autoantibodies are present in nearly 95% of patients with the autoimmune liver disease primary biliary cirrhosis.

	<p>s (PBC). In PBC, activated T lymphocytes attack and destroy epithelial cells in the bile duct where this protein is abnormally distributed and overexpressed. PBC eventually leads to cirrhosis and liver failure. Mutations in this gene are also a cause of pyruvate dehydrogenase E2 deficiency which causes primary lactic acidosis in infancy and early childhood.</p>
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	DLAT
<b>Immunogen:</b>	Fusion protein of human DLAT
<b>Full name:</b>	dihydrolipoamide S-acetyltransferase
<b>Synonyms :</b>	DLTA; PDCE2; PDC-E2
<b>SwissProt:</b>	P10515
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control:</b>	Human breast cancer and Human prostate cancer
<b>IHC Recommend dilution:</b>	30-150
<b>WB Predicted band size:</b>	69 kDa
<b>WB Positive control:</b>	A431, hepg2 and Incap cell
<b>WB Recommended dilution:</b>	500-2000

