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Pyruvate Dehydrogenase E2 Rabbit mAb

货号: AAY1911

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:500-1:2000 **WB:** 1:2000-1:10000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	69kD
实测分子量	69kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.913.
偶联物	Unconjugated
阳性对照	HeLa,MCF7,HepG2,K-562,Mouse brain,Rat brain
细胞定位	Mitochondrion matrix
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	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 (PBC). In PBC, activated T lymphocytes attack and destroy epithelial cells in the bile duct where this protein is abnormally distributed and overexpressed. PBC enventually 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.
基因ID	1737
基因名	DLAT;;70 kDa mitochondrial autoantigen of primary biliary cirrhosis;anti DLAT;Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex;Dihydrolipoamide;Dihydrolipoamide S Acetyltransferase;Dihydrolipoamide S-acetyltransferase;E2 component of pyruvate dehydrogenase complex;Dihydrolipoamide S-Acetyltransferase;Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex;dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogen
Swiss	P10515 (https://www.uniprot.org/uniprotkb/P10515/entry)
别名	DLAT,70 kDa mitochondrial autoantigen of primary biliary cirrhosis,anti DLAT,Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex,Dihydrolipoamide,Dihydrolipoamide S Acetyltransferase,Dihydrolipoamide S-acetyltransferase,E2 component of pyruvate dehydrogenase complex,Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex,dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial,DLTA,E2,M2 antigen complex 70 kDa subunit,M2 Antigen Complex 70kD Subunit,mitochondrial,ODP2_HUMAN,PBC,PDCE2,PDC-E2,PDCE2,Pyruvate dehydrogenase complex component E2,Pyruvate dehydrogenase complex E2 subunit,S acetyltransferase component of pyruvate dehydrogenase complex.,E2 comp

产品验证

实验步骤

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