

产品名称: PDHA1 (8D7) Rabbit Monoclonal Antibody
产品货号: AMRe15910



产品概述 (Summary)

产品名称 (Production Name)	PDHA1 (8D7) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDHA1
别名 (Alternative Names)	Pyruvate dehydrogenase E1 component subunit alpha, somatic form; mitochondrial; PDHE1-A type I; PDHA1; PHE1A;
基因 ID (Gene ID)	5160.0
蛋白 ID (SwissProt ID)	P08559.A synthetic peptide of human Pyruvate Dehydrogenase E1-alpha subunit

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:20-1:100,ICC/IF 1:20-1:100,FC 1:20-1:50,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	43kDa

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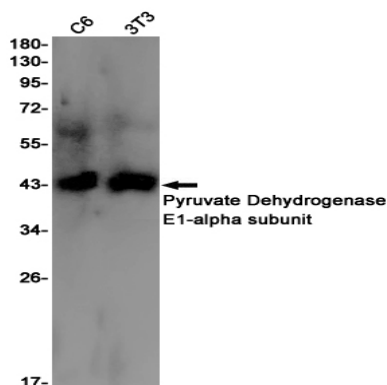
研究背景 (Background)

The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). Catalyzes the removal of CO₂ from pyruvate. Mutations in the α subunits of pyruvate dehydrogenase (E1) lead to congenital defects that are usually associated with lactic acidosis, neurodegeneration and early death. The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and thereby links the glycolytic pathway to the tricarboxylic cycle.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of Pyruvate Dehydrogenase E1-alpha subunit in C6,3T3 cell lysates using Pyruvate Dehydrogenase E1-alpha subunit antibody(1:1000 diluted).

注意事项 (Note)

For research use only .