

PYRUVATE DEHYDROGENASE E1 ALPHA RABBIT MAB

货号: N262790

产品全名: Pyruvate Dehydrogenase E1 alpha 兔单克隆抗体

基因符号 mitochondrial; OPA_HUMAN; PDH; PDHA; PDHA1; PDHCE1A; PDHE1 A type I; PDHE1-A type I; PHE1A; Pyruvate Dehydrogenase (lipoamide) alpha 1; Pyruvate dehydrogenase complex; E1 alpha polypeptide 1; Pyruvate Dehydrogenase E1 alpha; Pyruvate dehydrogenase E1 component subunit alpha; Pyruvate dehydrogenase E1 component subunit alpha; somatic form; mitochondrial; somatic form.

UNIPROT ID: P08559

背景: 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.

抗原: A synthetic peptide of human Pyruvate Dehydrogenase E1-alpha subunit

经过测试的应用: WB, ICC/IF, IP

推荐稀释比: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R06-1J4

分子量: Calculated MW: 43 kDa; Observed MW: 43 kDa

亚型: IgG

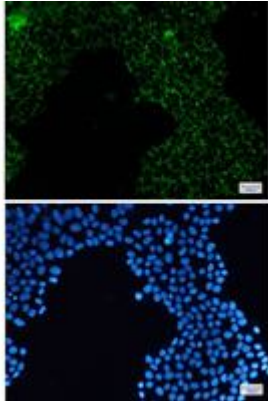
纯化: Affinity Purified

种属反应性: Human, Mouse and Rat

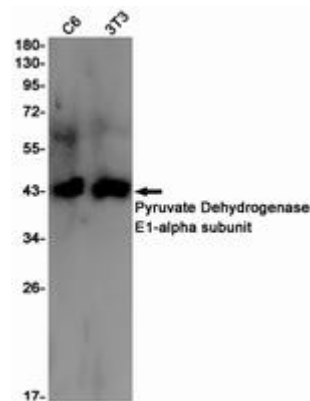
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Signal Transduction

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Pyruvate Dehydrogenase E1alpha subunit (green) in Hela using Pyruvate Dehydrogenase E1alpha subunit antibody, and DAPI (blue)



Western blot analysis of Pyruvate Dehydrogenase E1alpha subunit in C6, 3T3 lysates using Pyruvate Dehydrogenase E1 alpha antibody.