

产品名称: Malic enzyme 1 Rabbit Polyclonal Antibody
产品货号: APRab13605



产品概述 (Summary)

产品名称 (Production Name)	Malic enzyme 1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ME1
别名 (Alternative Names)	ME1; NADP-dependent malic enzyme; NADP-ME; Malic enzyme 1
基因 ID (Gene ID)	4199.0
蛋白 ID (SwissProt ID)	P48163.The antiserum was produced against synthesized peptide derived from human ME1. AA range:468-517

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	64kDa

研究背景 (Background)

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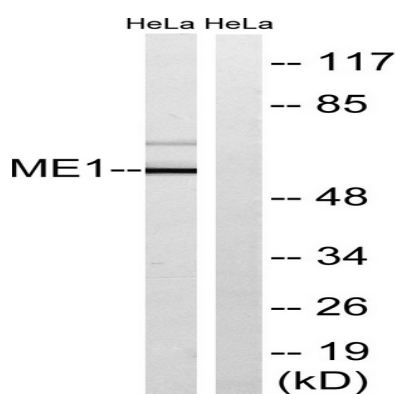


This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates in the diet. [provided by RefSeq, Jul 2008], catalytic activity: (S)-malate + NADP(+) = pyruvate + CO(2) + NADPH., cofactor: Divalent metal cations. Prefers magnesium or manganese., online information: The Singapore human mutation and polymorphism database, similarity: Belongs to the malic enzymes family., subunit: Homotetramer., tissue specificity: Expressed in all tissues tested including liver, placenta and white adipose tissue.,

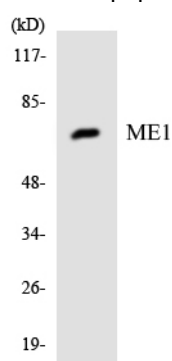
研究领域 (Research Area)

Pyruvate metabolism; PPAR;

图片 (Image Data)



Western blot analysis of lysates from HeLa cells, using ME1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using ME1 antibody.

注意事项 (Note)

For research use only .