

线粒体铁转运蛋白 1 抗体

产品货号： mlR9523

英文名称： Mitoferrin 1

中文名称： 线粒体铁转运蛋白 1 抗体

别名： SLC25A37; HT015; MFRN; Mitochondrial iron transporter 1; Mitochondrial solute carrier protein; Mitoferrin1; Mitoferrin-1; MSC; MSCP; predicted protein of HQ2217; PRO1278; PRO1584; PRO2217; Solute carrier family 25 member 37.

研究领域： 心血管 细胞生物 细胞类型标志物 线粒体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 37kDa

细胞定位： 细胞膜 线粒体

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原 : KLH conjugated synthetic peptide derived from human Mitoferrin 1:201-300/338

亚型 : IgG

纯化方法 : affinity purified by Protein A

储存液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : Mitoferrin1, SLC25A37, belongs to the mitochondrial carrier family and contains 3 Solcar repeats. It is a mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells and plays an essential role in heme biosynthesis.

Function:

Mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells, thereby playing an essential role in heme biosynthesis. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme.

Subcellular Location:

Mitochondrial inner membrane; Multi-pass membrane protein

Similarity:

Belongs to the mitochondrial carrier family.

Contains 3 Solcar repeats.

SWISS:

Q9NYZ2

Gene ID:

51312

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

