MTO1 蛋白抗体

产品货号： mlR17891

英文名称： MTO1

中文名称： MTO1 蛋白抗体

别　　名： mitochondrial MTO1 3; mitochondrial translation optimization 1 homolog; protein MTO1 homolog, mitochondrial precursor.

研究领域： 细胞生物　信号转导　激酶和磷酸酶　新陈代谢　线粒体　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （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： 77kDa

细胞定位： 细胞浆 线粒体

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human MTO1:101-200/717

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 ℃ 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℃. 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 ℃.

PubMed： PubMed

产品介绍： This gene encodes a mitochondrial protein thought to be involved in mitochondrial tRNA modification. The encoded protein may also play a role in the expression of the non-syndromic and aminoglycoside-induced deafness phenotypes associated with a specific mutation in the mitochondrial 12S rRNA gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

The Protein MTO1 homolog is involved in the 5 carboxymethylaminomethyl modification (mnm(5)s(2)U34) of the wobble uridine base in mitochondrial tRNAs. It is ubiquitously expressed in various tissues, but with a markedly elevated expression in tissues of high metabolic rates including cochlea. The protein belongs to the gidA family.

Subcellular Location:

Mitochondrial

Tissue Specificity:

Ubiquitously expressed in various tissues, but with a markedly elevated expression in tissues of high metabolic rates including cochlea.

Similarity:

Belongs to the MnmG family.

SWISS:

Q9Y2Z2

Gene ID:

25821

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