

TRNT1 蛋白抗体

产品货号： mlR17149

英文名称： TRNT1

中文名称： TRNT1 蛋白抗体

别名： AA408384; C76540; CCA adding; CCA1; CGI 47; EC 2.7.7.25; Mitochondrial CCA adding tRNA nucleotidyltransferase; Mitochondrial tRNA nucleotidyl transferase, CCA adding; mt CCA adding enzyme; mt Trat; mt tRNA adenyltransferase; mt tRNA CCA diphosphorylase; mt tRNA CCA pyrophosphorylase; MtCCA; MTO2; TRNT1_HUMAN; TRMU; tRNA nucleotidyl transferase; tRNA nucleotidyl transferase CCA adding 1.

研究领域： 细胞生物 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, 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： 45kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human TRNT1:351-434/434

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 : The CCA-adding enzyme TRNT1 (EC 2.7.7.25) is an essential enzyme that catalyzes the addition of the CCA terminus to the 3-prime end of tRNA precursors. This reaction is a fundamental prerequisite for mature tRNAs to become aminoacylated and to participate in protein biosynthesis (Lizano et al., 2007 [PubMed 17204286]).[supplied by OMIM, Aug 2009]

Function:

TRNT1 belongs to the tRNA nucleotidyltransferase/poly(A) polymerase family. It adds and repairs the conserved 3'-CCA sequence necessary for the attachment of amino acids to the 3' terminus of tRNA molecules, using CTP and ATP as substrates.

Subunit:

Monomer, and homodimer; disulfide-linked.

Subcellular Location:

Mitochondrial

Similarity:

Belongs to the tRNA nucleotidyltransferase/poly(A) polymerase family.

SWISS:

Q96Q11

Gene ID:

51095

Important Note:

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