

线粒体转录因子 1 抗体

产品货号： mlR8520

英文名称： MtTF1/TFAM

中文名称： 线粒体转录因子 1 抗体

别名： Mitochondrial transcription factor 1; mitochondrial transcription factor A; MtTF1; mtTFA; TCF 6; TCF-6; TCF6; TCF6L1; TCF6L2; TCF6L3; TFAM; TFAM_HUMAN; Transcription factor 6 ; Transcription factor 6 like 2 (mitochondrial transcription factor); Transcription factor 6 like 2; Transcription factor 6-like 2; Transcription factor A, mitochondrial; Transcription factor A, mitochondrial precursor.

研究领域： 肿瘤 心血管 细胞生物 免疫学 信号转导 转录调节因子 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, Dog, Pig, Cow, Rabbit, Sheep, Goat,

产品应用： 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： 29kDa

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 MtTF1:155-246/246

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 : Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. Is able to unwind and bend DNA. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA. target DNA. Interacts with TFB1M and TFB2M.

Function:

Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. Is able to unwind and bend DNA. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA. Target DNA. Interacts with TFB1M and TFB2M. Associates with mitochondrial DNA.

Subcellular Location:

Mitochondrion. Mitochondrion matrix, mitochondrion nucleoid.

Similarity:

Contains 2 HMG box DNA-binding domains.

SWISS:

Q00059

Gene ID:

7019

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

