

产品名称: mtTFA Rabbit Monoclonal Antibody  
产品货号: AMRe86247



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | mtTFA Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB, ICC/IF, FC, IP                     |
| 种属反应性 (Reactivity)     | Mouse, Rat                             |

## 产品性能 (Performance)

|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                                                                                   |
| 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)       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| 纯化方式 (Purification) | Affinity Purification                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| 基因名 (Gene Name)        | mtTFA                                                            |
| 别名 (Alternative Names) | Hmgt5; mtTFA; tsHMG; TFAM; Transcription factor A, mitochondrial |
| 基因 ID (Gene ID)        | 2178083474                                                       |
| 蛋白 ID (SwissProt ID)   | P40630,Q91ZW1.                                                   |

## 产品应用 (Application)

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:5000, ICC/IF 1:200-1:500, FC 1:200-1:500, IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW:28 kDa; Observed MW:24 kDa                           |

## 研究背景 (Background)

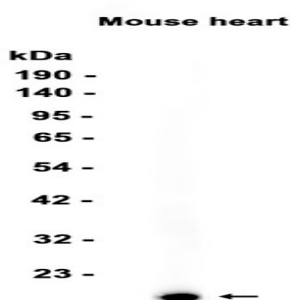
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Enables mitochondrial promoter sequence-specific DNA binding activity. Involved in mitochondrial transcription. Acts upstream of or within mitochondrial respiratory chain complex assembly. Located in mitochondrial nucleoid. Is active in mitochondrion. Is expressed in several structures, including brain; branchial arch; genitourinary system; limb; and pancreas. Used to study Kearns-Sayre syndrome and Parkinson's disease. Human ortholog(s) of this gene implicated in Alzheimer's disease; Huntington's disease; Parkinson's disease; amyotrophic lateral sclerosis; and mitochondrial DNA depletion syndrome 15. Orthologous to human TFAM (transcription factor A, mitochondrial). [provided by Alliance of Genome Resources, Jun 2025]

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of extracts from Mouse heart tissue using AMRe86247 at 1:1000.

## 注意事项 (Note)

For research use only .