
Product Name: mtTFA Rabbit Monoclonal Antibody**Catalog #: AMRe86247**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
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.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:200-1:500,FC 1:200-1:500,IP 1:20-1:50
Molecular Weight	Calculated MW:28 kDa; Observed MW:24 kDa

Antigen Information

Gene Name	mtTFA
Alternative Names	Hmgt5; mtTFA; tsHMG; TFAM; Transcription factor A, mitochondrial
Gene ID	2178083474
SwissProt ID	P40630,Q91ZW1
Immunogen	Recombinant protein of Mouse mtTFA

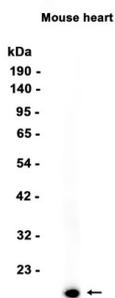
Background

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]

Research Area

Image Data



Western blot analysis of extracts from Mouse heart tissue using mtTFA Rabbit Monoclonal Antibody at 1:1000.