

Product name:	mtTFA Rabbit Monoclonal Antibody
Cat number:	MABN86247
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of Mouse mtTFA
Reactivity:	Mouse, Rat
Applications:	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
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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]