

	<h1>TFAM Rabbit pAb</h1>	E 2 5 0 1 9 2 6
--	--------------------------	--------------------------------------

Swiss-Prot No.:	Q00059
Altername:	TFAM
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TFAM (NP_003192.1).
Purification:	Affinity purified
Reactivity:	Human
Other Names:	TCF6; MTT F1; MTT FA; TCF6L1; TCF6L2; TCF6L3; MTDPS15
Cellular localization:	Mitochondrion, Mitochondrion nucleoid
Relevance:	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 DNA. Bends the mitochondrial light strand promoter DNA into a U-turn shape via its HMG boxes. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA.

For Research Use Only

Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	22kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:500 - 1:2000; IF 1:50 - 1:200 (Optimal dilutions should be determined by the end user)