



mtTFA Monoclonal Antibody

Catalog No	YP-mAb-01883
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TFAM
Immunogen	The antiserum was produced against synthesized peptide derived from human TFAM. AA range:131-180
Specificity	mtTFA Monoclonal Antibody detects endogenous levels of mtTFA protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MtTF1;mtTFA;TCF6;TCF-6;Transcription factor 6-like 2;TFAM;Transcription factor A mitochondrial;TCF6L2;Transcription factor A;mitochondrial; Mitochondrial transcription factor 1;Transcription factor 6
Observed Band	22kd
Calculated Molecular Weight	22kd
Cell Pathway	Mitochondrion . Mitochondrion matrix, mitochondrion nucleoid .
Tissue Specificity	Lymphocyte,Pooled,Uterus,
Function	function:Involved in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Activates transcription by binding immediately upstream of transcriptional start sites. Is able to unwind and bend DNA.,similarity:Contains 2 HMG box DNA-binding domains.,subunit:Interacts with TFB1M and TFB2M.,
Background	This gene encodes a key mitochondrial transcription factor containing two high mobility group motifs. The encoded protein also functions in mitochondrial DNA replication and repair. Sequence polymorphisms in this gene are associated with Alzheimer's and Parkinson's diseases. There are pseudogenes for



this gene on chromosomes 6, 7, and 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],

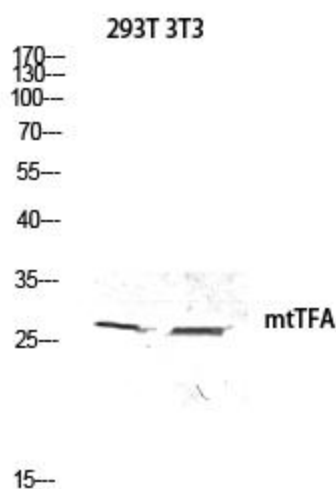
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using mtTFA Monoclonal Antibody