

Datasheet for ABIN6945143 **anti-TFAM antibody**

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TFAM
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	Synthetic peptide within human mtTFA aa 50-150
Clone:	16A1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	TFAM
Alternative Name:	TFAM (TFAM Products)

Target Details

Background:	Synonyms: Transcription factor A, mitochondrial, Mitochondrial transcription factor 1, Transcription factor 6, Transcription factor 6-like 2, mtTFA, MtTF1, TCF-6, TFAM, TCF6, TCF6L2. Background: 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.
Gene ID:	7019
UniProt:	Q00059
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	12 months