

Datasheet for ABIN7172468
anti-TFAM antibody (AA 43-246) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TFAM
Binding Specificity:	AA 43-246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Transcription factor A, mitochondrial protein (43-246AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TFAM
Alternative Name:	TFAM (TFAM Products)
Background:	Background: Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the

Target Details

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.

Aliases: anscription factor 6-like 1 antibody, Mitochondrial transcription factor 1 antibody, mitochondrial transcription factor A antibody, MtTF1 antibody, mtTFA antibody, TCF 6 antibody, TCF-6 antibody, TCF6 antibody, TCF6L1 antibody, TCF6L2 antibody, TCF6L3 antibody, TFAM antibody, TFAM_HUMAN antibody, Transcription factor 6 antibody, Transcription factor 6 like 2 (mitochondrial transcription factor) antibody, Transcription factor 6 like 2 antibody, Transcription factor 6-like 2 antibody, transcription factor 6-like 3 antibody, Transcription factor A, mitochondrial antibody, Transcription factor A, mitochondrial antibody, Transcription factor A, mitochondrial precursor antibody

UniProt: [Q00059](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.