

Datasheet for ABIN654229  
**anti-TFAM antibody (C-Term)**[Go to Product page](#)

## 6 Images

## Overview

Quantity:	400 µL
Target:	TFAM
Binding Specificity:	AA 216-246, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This TFAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 216-246 amino acids from the C-terminal region of human TFAM.
Clone:	RB27631
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TFAM
Alternative Name:	TFAM ( <a href="#">TFAM Products</a> )

## Target Details

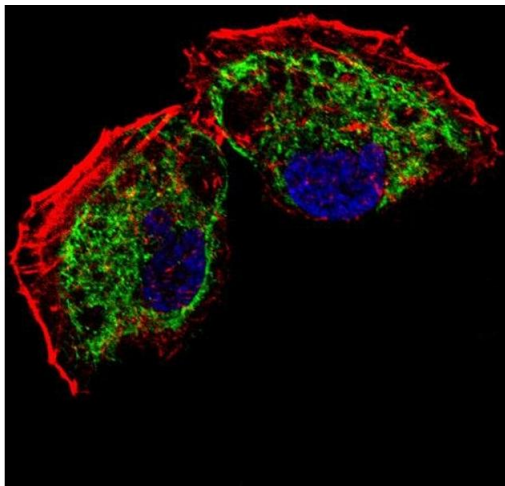
Background:	This gene encodes a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this gene product is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns-Sayre syndrome was produced when expression of this gene was eliminated by targeted disruption in heart and muscle cells.
Molecular Weight:	29097
Gene ID:	7019
NCBI Accession:	<a href="#">NP_001257711</a> , <a href="#">NP_003192</a>
UniProt:	<a href="#">Q00059</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

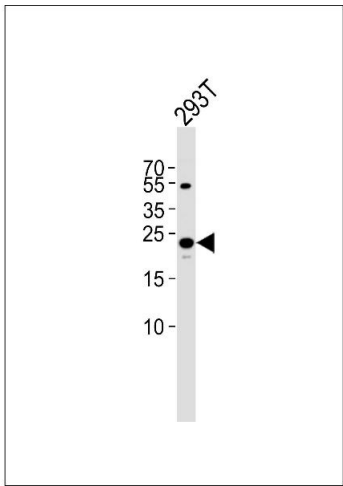
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



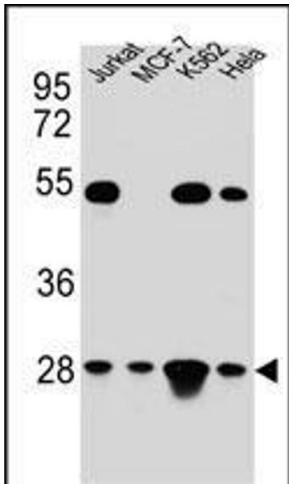
### Immunofluorescence

**Image 1.** Fluorescent confocal image of NCI- cell stained with TF Antibody (C-term) (ABIN654229 and ABIN2844063). NCI- cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with TF primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). TF immunoreactivity is localized to mitochondrion significantly.



### Western Blotting

**Image 2.** Western blot analysis of lysate from 293T cell line, using TF Antibody (C-term) (ABIN654229 and ABIN2844063). (ABIN654229 and ABIN2844063) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



### Western Blotting

**Image 3.** TF Antibody (C-term) (ABIN654229 and ABIN2844063) western blot analysis in HeLa, Jurkat, K562, MCF-7 cell line lysates (35 µg/lane). This demonstrates the TF antibody detected the TF protein (arrow).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN654229.