

# TFAM Rabbit pAb

Catalog No.: A1926

6 Publications

## Basic Information

### Observed MW

22kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

7019

### Swiss Prot

Q00059

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TFAM (NP\_003192.1).

### Synonyms

TCF6; MTTF1; MTTFA; TCF6L1; TCF6L2; TCF6L3; MTDP515; TFAM

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

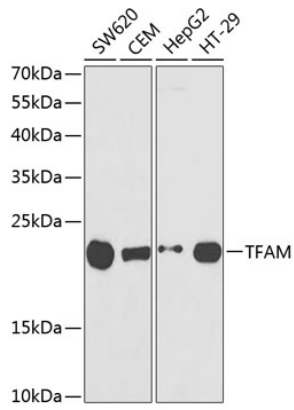
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

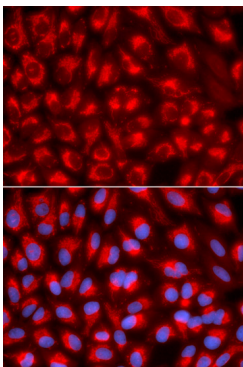
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

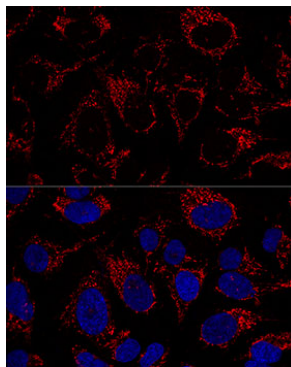
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Western blot analysis of extracts of various cell lines, using TFAM antibody (A1926) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using TFAM antibody (A1926). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U2OS cells using TFAM Polyclonal Antibody (A1926) at dilution of 1:100. Blue: DAPI for nuclear staining.