

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TFAM



Numéro de catalogue: 19998-1-AP

40 Publications

## Informations de base

Numéro de catalogue:

19998-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_003201

Identification du gène (NCBI):

7019

Nom complet:

transcription factor A, mitochondrial

MW calculé

29 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, poisson-zèbre, rat, souris

Contrôles positifs:

WB: cellules Jurkat, cellules HEK-293

IHC: tissu de cancer du côlon humain, tissu cardiaque humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (\*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

TFAM, also named as TCF6L2, MtTF1, TCF6, TCF6L1, TCF6L3 and mtTFA, is a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. It is involved in mitochondrial transcription regulation. TFAM is required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. It activates transcription by binding immediately upstream of transcriptional start sites. TFAM is able to unwind and bend DNA. The molecular weight of TFAM isoforms are 25 kDa and 29 kDa, but the Ubiquitination of TFAM protein is about 35-37 kDa (PMID: 24607487).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Benedetta Ruzzenente	30252186	Hum Mutat	WB
Tao Zhang	30187480	J Cell Physiol	WB, IHC
Baasanjav Uranbileg	36125914	Clin Transl Med	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

\*\*\* Les 20ul contiennent 0,1% de BSA.

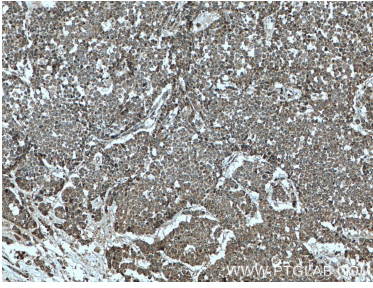
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

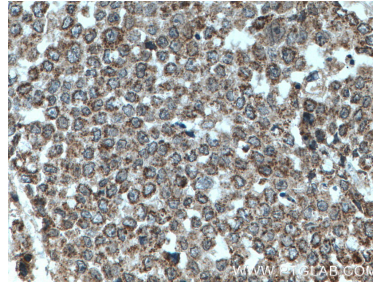
E: proteintech@ptglab.com  
W: ptglab.com

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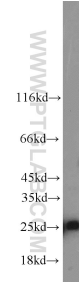
## Données de validation sélectionnées



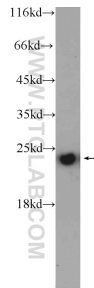
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 19998-1-AP (TFAM antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 19998-1-AP (TFAM antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Jurkat cells were subjected to SDS PAGE followed by western blot with 19998-1-AP (TFAM antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 19998-1-AP (TFAM Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.