

Nur für Forschungszwecke

TFAM Polyklonaler Antikörper

Katalog-Nr.:19998-1-AP

40 Publikationen



Allgemeine Informationen

Katalog-Nr.: 19998-1-AP	GenBank-Zugangsnummer: NM_003201	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop und 313 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7019	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: transcription factor A, mitochondrial	
Isotyp: IgG	Berechnete Masse: 29 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen, HEK-293-Zellen
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	IHC: humanes Kolonkarzinomgewebe, humanes Herzgewebe
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus, Ratte, Zebrafisch	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

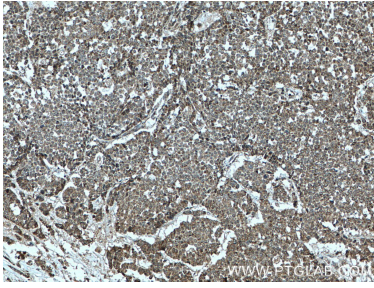
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

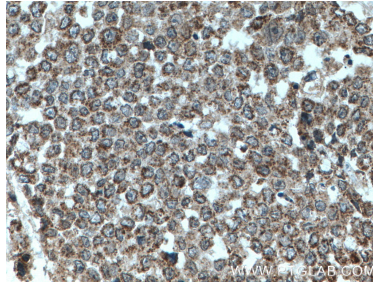
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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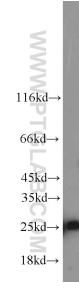
Ausgewählte Validierungsdaten



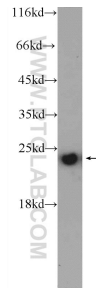
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 19998-1-AP (TFAM antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



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.