

For Research Use Only

TFAM Recombinant antibody

Catalog Number: 82745-1-RR



Basic Information

| | | |
|---|--|---|
| Catalog Number: 82745-1-RR | GenBank Accession Number: BC126366 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 250 µg/ml by Nanodrop; | GeneID (NCBI): 7019 | CloneNo.: 4L4 |
| Source: Rabbit | UNIPROT ID: Q00059 | Recommended Dilutions: WB 1:1000-1:5000 IF 1:125-1:500 |
| Isotype: IgG | Full Name: transcription factor A, mitochondrial | |
| Immunogen Catalog Number: AG18299 | Calculated MW: 246 aa, 29 kDa | |
| | Observed MW: 24-25 kDa | |

Applications

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|--|---|
| Tested Applications: WB, IF, ELISA | Positive Controls: |
| Species Specificity: Human | WB : HeLa cells, HEK-293 cells, MCF-7 cells, Jurkat cells, K-562 cells IF : HepG2 cells, |

Background Information

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.

Storage

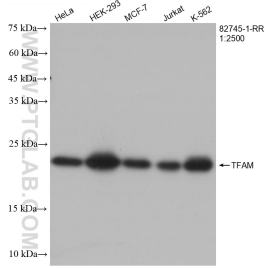
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

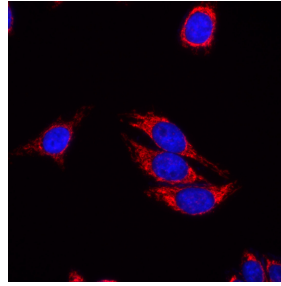
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82745-1-RR (TFAM antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TFAM antibody (82745-1-RR, Clone: 4L4) at dilution of 1:250 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).