

For Research Use Only

TFAM Recombinant monoclonal antibody

Catalog Number: 82745-5-RR

7 Publications



Basic Information

Catalog Number:

82745-5-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC126366

GeneID (NCBI):

7019

UNIPROT ID:

Q00059

Full Name:

transcription factor A, mitochondrial

Calculated MW:

246 aa, 29 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

250652B11

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse, rat

Positive Controls:

WB: HEK-293 cells, C6 cells, C2C12 cells, Caco-2 cells, K-562 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiaojian Duan	41812547	Biomaterials	WB
Wenrui Zhang	42510576	Antioxidants (Basel)	
Wenjun Xia	42285382	Int J Pharm	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

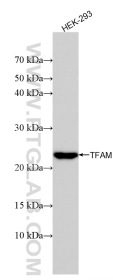
For technical support and original validation data for this product please contact:

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



HEK-293 cells were subjected to SDS PAGE followed by western blot with 82745-5-RR (TFAM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.