

For Research Use Only

CoraLite® Plus 488-conjugated TFAM Polyclonal antibody



Catalog Number: CL488-22586

Featured Product

Basic Information

Catalog Number: CL488-22586	GenBank Accession Number: BC126366	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7019	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: transcription factor A, mitochondrial	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
IsoType: IgG	Calculated MW: 246 aa, 29 kDa	
Immunogen Catalog Number: AG18299	Observed MW: 25 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

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

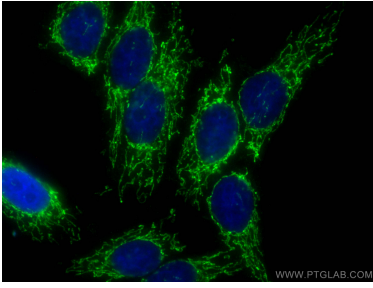
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 TFAM antibody (CL488-22586) at dilution of 1:200.