

mtTFA Rabbit mAb

Catalog No: #49654

Package Size: #49654-1 50ul #49654-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

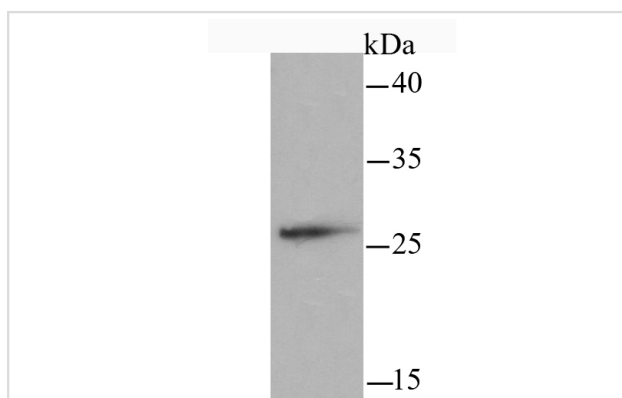
Description

Product Name	mtTFA Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	anscription factor 6-like 1 antibody Mitochondrial transcription factor 1 antibody mitochondrial transcription factor A antibody MtTF1 antibody mtTFA antibody TCF 6 antibody TCF-6 antibody TCF6 antibody TCF6L1 antibody TCF6L2 antibody TCF6L3 antibody TFAM antibody TFAM_HUMAN antibody Transcription factor 6 antibody Transcription factor 6 like 2 (mitochondrial transcription factor) antibody Transcription factor 6 like 2 antibody Transcription factor 6-like 2 antibody transcription factor 6-like 3 antibody Transcription factor A, mitochondrial antibody Transcription factor A, mitochondrial antibody Transcription factor A, mitochondrial precursor antibody
Accession No.	Swiss-Prot#:Q00059
Uniprot	Q00059
GeneID	7019;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

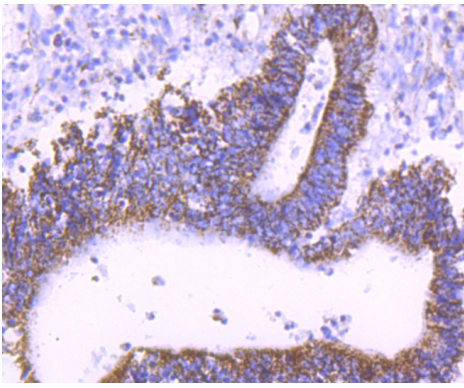
Application Details

WB: 1:200-1:500IHC: 1:50-1:200ICC/IF: 1:50-1:200IP: 1:10-1:50

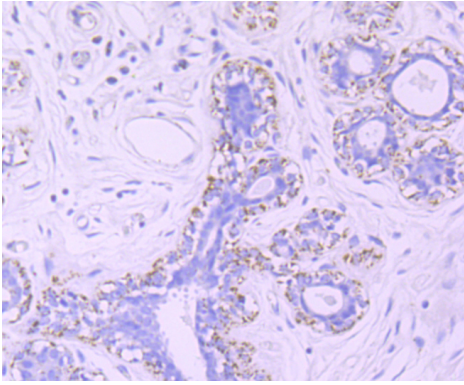
Images



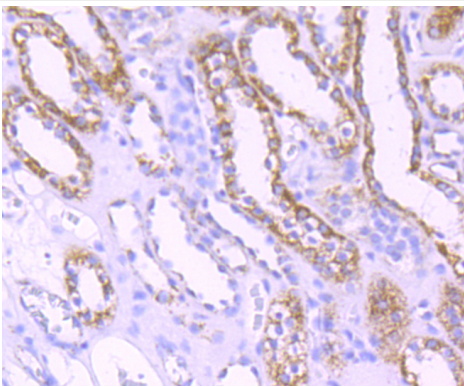
Western blot analysis of mtTFA on Hela cell using anti-mtTFA antibody at 1/1,000 dilution.



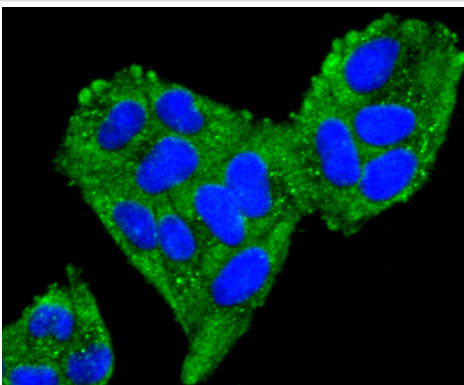
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-mtTFA antibody. Counter stained with hematoxylin.



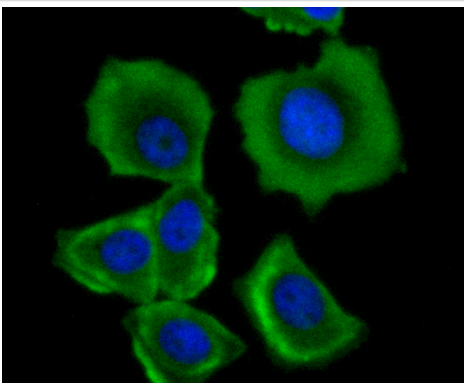
Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-mtTFA antibody. Counter stained with hematoxylin.



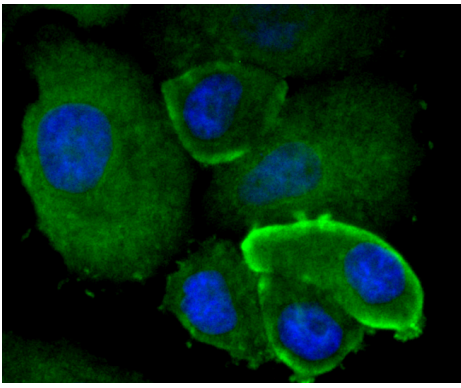
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-mtTFA antibody. Counter stained with hematoxylin.



ICC staining mtTFA in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining mtTFA in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining mtTFA in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. Is able to unwind and bend DNA. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA. target DNA. Interacts with TFB1M and TFB2M.

References

Note: This product is for in vitro research use only