

## mtTFA Conjugated Antibody

Catalog No: #C49654



Package Size: #C49654-AF350 100ul #C49654-AF405 100ul #C49654-AF488 100ul  
 #C49654-AF555 100ul #C49654-AF594 100ul #C49654-AF647 100ul  
 #C49654-AF680 100ul #C49654-AF750 100ul #C49654-Biotin 100ul

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## Description

Product Name	mtTFA Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only