

Rabbit anti-Human TFAM Polyclonal Antibody | anti-TFAM antibody

TFAM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230156	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

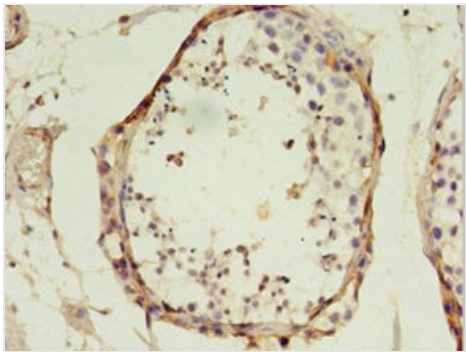
PRODUCT SYNONYMS

TFAM; Polyclonal Antibody; TFAM Antibody; Transcription factor A; mitochondrial; mtTFA; Mitochondrial transcription factor 1; MtTF1; Transcription factor 6; TCF-6; Transcription factor 6-like 2; TCF6; TCF6L2; anti-TFAM antibody

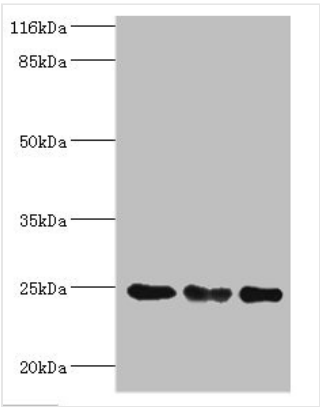
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	214
Applicable Applications for anti-TFAM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Transcription factor A, mitochondrial protrin (43-246AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Tags & Cell Markers
Target Names	TFAM
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30963 / sc-30962 / sc-19050 / sc-28200
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis using AAA230156 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: TFAM antibody at 8ug/mlLane 1:Jurkat whole cell lysateLane 2:MCF-7 whole cell lysateLane 3:A431 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 30,26 kDaObserved band size: 25 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TFAM antibody	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 DNA. Bends the mitochondrial light strand promoter DNA into a U-turn shape via its HMG boxes. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399498566
NCBI GeneID	7019
NCBI Accession #	NP_001257711.1
NCBI GenBank Nucleotide #	NM_001270782.1
UniProt Accession #	Q00059; Q5U0C6; A8MRB2; A9QXC6; B5BU05
NCBI Official Full Name	transcription factor A, mitochondrial isoform 2
NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	TFAM
NCBI Official Synonym Symbols	TCF6; MTTF1; MTTFA; TCF6L1; TCF6L2; TCF6L3
NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	TFAM
UniProt Synonym Gene Names	TCF6; TCF6L2; mtTFA; Mttf1; TCF-6
UniProt Entry Name	TFAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.