

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

TFAM Polyclonal Antibody

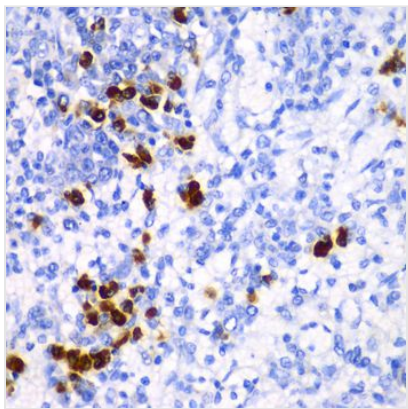
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281102	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

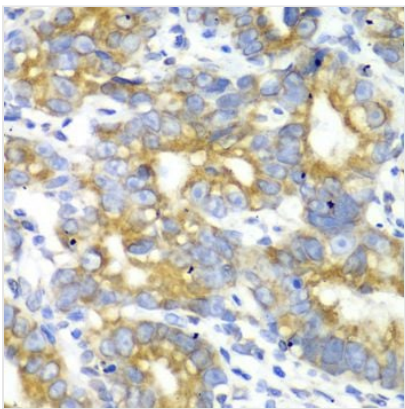
TFAM; Polyclonal Antibody; TFAM Polyclonal Antibody; MTDP515; MTTF1; MTTFA; TCF6; TCF6L1; TCF6L2; TCF6L3; anti-TFAM antibody

PRODUCT SPECIFICATIONS

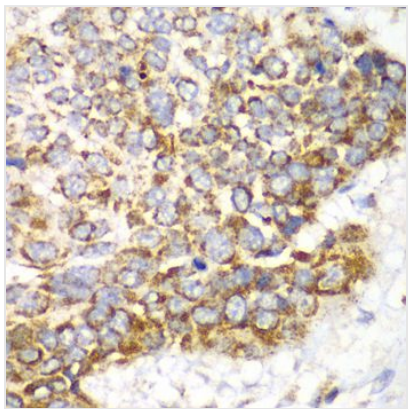
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAFLRSMWGV LSAIGRSGAE LCTGCGSRLR SPFSFVYLPR WFSSVLASCP KKPVS5YLRF SKEQLPIFKA QNPDAKTTEL IRRIAQRWRE LPDSKKKIYQ DAYRAEWQVY KEEISRFKEQ LTPSQIMSLE KEIMDKHLKR KAMTKKKELT LLGKPKRPRS AYNVYVAERF QEAKGDSPQE KLKTVKENWK NLSOSEKELY IQHAKEDETR YHNEMKSWEE
Sequence Length	214
Applicable Applications for anti-TFAM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TFAM
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Mitochondrion, Mitochondrion matrix, mitochondrion nucleoid
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



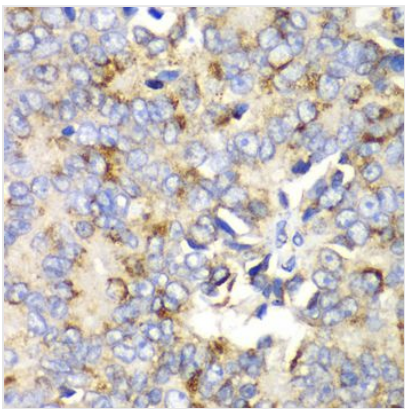
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse spleen using TFAM antibody at dilution of 1:100 (40x lens).



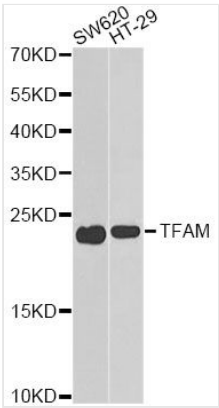
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using TFAM antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophageal cancer using TFAM antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using TFAM antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TFAM antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TFAM antibody

This gene encodes a key mitochondrial transcription factor containing two high mobility group motifs. The encoded protein also functions in mitochondrial DNA replication and repair. Sequence polymorphisms in this gene are associated with Alzheimer's and Parkinson's diseases. There are pseudogenes for this gene on chromosomes 6, 7, and 11. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-TFAM antibody	Polyclonal Antibodies
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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
Molecular Weight	Calculated: 25kDa; 29kDa Observed: 24kDa
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; MTDPS15
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tfam-antibody-immunohistochemistry-western-blot-elisa/281102>