

Datasheet for ABIN6657693
anti-TFAM antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TFAM
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TFAM Antibody
Immunogen:	Anti-TFAM Antibody was produced in rabbits by repeated immunizations with a native recombinant mouse TFAM protein with c-terminal 6-his tag.
Isotype:	IgG
Purification:	Anti-TFAM Antibody is a prepared sterile filtered neat serum.
Sterility:	Sterile filtered

Target Details

Target:	TFAM
Alternative Name:	TFAM (TFAM Products)

Target Details

Background:	Synonyms: Transcription factor A mitochondrial, mtTFA, Testis-specific high mobility group protein, TS-HMG Background: Mitochondrial Transcription Factor A (TFAM) is a key activator of mitochondrial (mt) DNA transcription as well as a participant in mitochondrial genome replication. mtDNA is highly susceptible to oxidative stress leading to mitochondrial dysfunction. Overexpression of TFAM has been implicated in the amelioration of age dependent impairment of brain functions through the prevention of oxidative stress and mitochondrial dysfunction in microglia. More recently, TFAM overexpression has been shown to potentially reduce oxidative stress in motor neurons and delay onset of amyotrophic lateral sclerosis (ALS) in ALS model mice. TFAM Antibody is ideal for researchers interested in neuroscience research. Gene Name: TFAM
Gene ID:	21780
NCBI Accession:	NP_033386
UniProt:	P40630
Pathways:	Chromatin Binding

Application Details

Application Notes:	ELISA_Dilution: 1:20,000 Western_Blot_Dilution: 1:2000
Comment:	Anti-TFAM Antibody has been tested in Western Blots and is specific for the ~24 kDa TFAM protein. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: None Stabilizer: None Preservative: None
Preservative:	Without preservative
Storage:	-20 °C
Storage Comment:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C

Handling

or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.

Expiry Date: 12 months