

Product datasheet for **AP26439SU-N**

Tfam (C-term) Rabbit Polyclonal Antibody

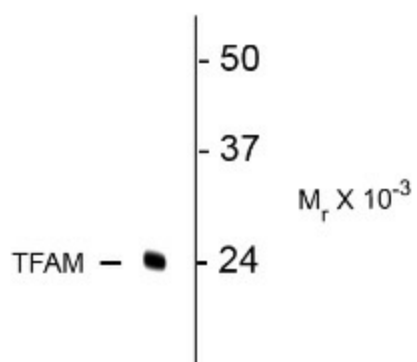
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/2000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Native recombinant Mouse TFAM protein with C-terminal 6-His tag
Specificity:	Specific for the ~24 kDa TFAM protein.
Formulation:	State: Serum State: Liquid serum
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transcription factor A, mitochondrial
Database Link:	Entrez Gene 21780 Mouse P40630
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 (Hayashi et al., 2008). 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 (Morimoto et al., 2012).
Synonyms:	TCF6L2, MtTF1, TCF-6



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Product images:



Western blot of rat kidney lysate showing specific immunolabeling of the ~24k TFAM protein.