

Anti-Human TFAM Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03852

3th Edition

Description: 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. TFAM (Transcription Factor A, Mitochondrial) is a Protein Coding gene. Diseases associated with TFAM include Mitochondrial Dna Depletion Syndrome 15, Hepatocerebral Type and Skin Carcinoma In Situ. Among its related pathways are Mitochondrial Gene Expression and Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins.. GO annotations related to this gene include poly(A) RNA binding and chromatin binding.

Antigen: Synthesized peptide derived from the Internal region of human mtTFA

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: