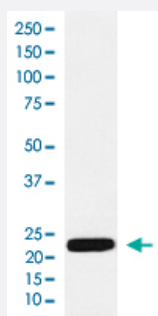


TFAM monoclonal antibody, clone ADHC-20

Catalog # MAB22155 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of TFAM in MCF-7 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TFAM.
Immunogen	A synthetic peptide corresponding to human TFAM.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human TFAM, in native form and recombinant. Superfamily members of TFAM are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of TFAM in MCF-7 cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — TFAM

Entrez GeneID	7019
Protein Accession#	Q00059
Gene Name	TFAM
Gene Alias	MtTF1, TCF6, TCF6L1, TCF6L2, TCF6L3, mtTFA
Gene Description	transcription factor A, mitochondrial
Omim ID	600438
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this gene product is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns-Sayre syndrome was produced when expression of this gene was eliminated by targeted disruption in heart and muscle cells. [provided by RefSeq]

Other Designations

OTTHUMP00000019633|Transcription factor 6-like 2 (mitochondrial transcription factor)|mitochondrial transcription factor A

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)