

mtTFA (AB2037) Rabbit mAb

M3368

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB, IHC, IF, IP, ELISA

MW

- 29 kDa (calculated)
- 24 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB, IHC, IF, IP, ELISA

Dilution

WB, 1:2000-1:10000 | IHC, 1:200-1:1000 | IF, 1:200-1:1000 | IP, 0.5 µg-4 µg antibody for 200 µg-400 µg extracts of whole cells. | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirement

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2037

Immunogen Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Specificity This antibody detects endogenous levels of mtTFA protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name TFAM

Protein Name mtTFA

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q00059	7019

Background 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. [provided by RefSeq, Aug 2012],