

## Recombinant mtTFA Monoclonal Antibody

catalog number: **AN300802L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

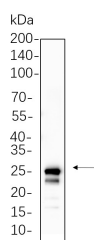
<b>Reactivity</b>	Human;Bovine
<b>Immunogen</b>	Recombinant Human mtTFA protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B745
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:2000-1:10000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000
<b>IP</b>	1:50-1:200

### Data



Western Blot with Recombinant mtTFA Monoclonal Antibody  
at dilution of 1:1000 dilution. Lane A: K562 cell lysate.

**Observed-MW:24 kDa**

**Calculated-MW:29 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### 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.

### For Research Use Only

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