

# MT-ATP8 Rabbit pAb

Catalog No.: A17890 **5 Publications**

## Basic Information

### Observed MW

12kDa

### Calculated MW

8kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Contributes to proton-transporting ATP synthase activity, rotational mechanism. Involved in mitochondrial ATP synthesis coupled proton transport. Part of mitochondrial proton-transporting ATP synthase complex. Implicated in multiple sclerosis and urinary bladder cancer.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

## Immunogen Information

### Gene ID

4509

### Swiss Prot

P03928

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-68 of human MT-ATP8 (YP\_003024030.1).

### Synonyms

ATPase8; MTATP8; ATP8; MT-ATP8

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

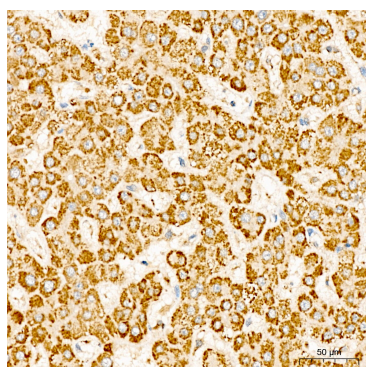
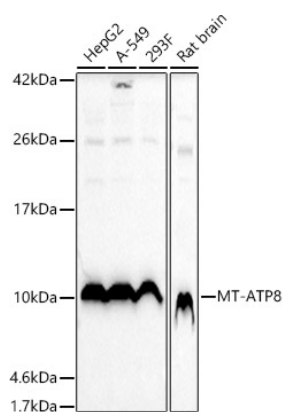
Affinity purification

### Storage

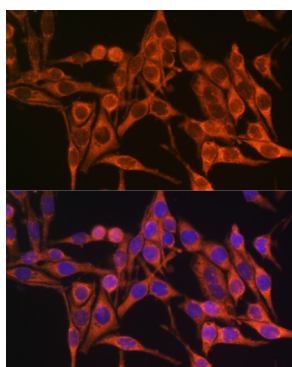
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

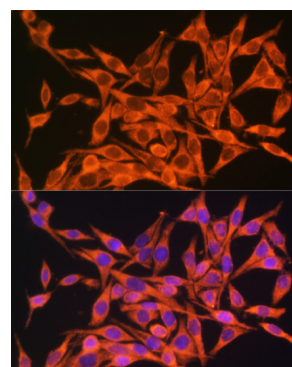
## Validation Data



Immunohistochemistry analysis of MT-ATP8 in paraffin-embedded Human liver tissue using MT-ATP8 Rabbit pAb (A17890) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using MT-ATP8 Rabbit pAb (A17890) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using MT-ATP8 Rabbit pAb (A17890) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.