

# **MT-ATP6 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56875

## **Specification**

# MT-ATP6 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC Primary Accession P00846
Host Rabbit Clonality Polyclonal 24817

## MT-ATP6 Polyclonal Antibody - Additional Information

**Gene ID 4508** 

## **Other Names**

ATP synthase subunit a, F-ATPase protein 6, MT-ATP6, ATP6, ATPASE6, MTATP6

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

# **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## MT-ATP6 Polyclonal Antibody - Protein Information

Name MT-ATP6

Synonyms ATP6, ATPASE6, MTATP6

## **Function**

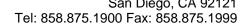
Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Key component of the proton channel; it may play a direct role in the translocation of protons across the membrane.

## **Cellular Location**

Mitochondrion inner membrane; Multi-pass membrane protein

# **MT-ATP6 Polyclonal Antibody - Protocols**







Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**MT-ATP6 Polyclonal Antibody - Images**