

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
Calculated MW	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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MT-ATP6 Polyclonal Antibody - Images