

**Anti-ATP6 Antibody**  
Catalog # AP53689**Specification**

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**Anti-ATP6 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P00846</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24817

**Anti-ATP6 Antibody - Additional Information****Gene ID** 4508**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of ATP6 protein.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ATP6 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

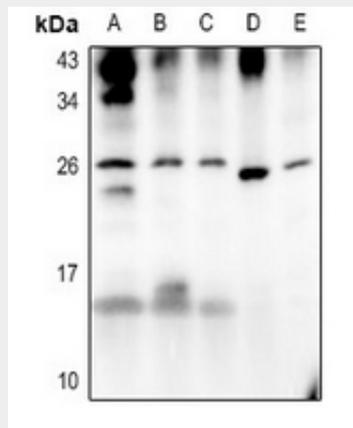
Mitochondrion inner membrane; Multi-pass membrane protein

### Anti-ATP6 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](#)

### Anti-ATP6 Antibody - Images



Western blot analysis of ATP6 expression in HEK293T (A), HCT116 (B), A375 (C), PC12 (D), CT26 (E) whole cell lysates.

### Anti-ATP6 Antibody - Background

Rabbit polyclonal antibody to ATP6