

**ATP5I Polyclonal Antibody**  
Catalog # AP68590**Specification**

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**ATP5I Polyclonal Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P56385</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**ATP5I Polyclonal Antibody - Additional Information****Gene ID** 521**Other Names**

ATP5I; ATP5K; ATP synthase subunit e; mitochondrial; ATPase subunit e

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**ATP5I Polyclonal Antibody - Protein Information****Name** ATP5ME ([HGNC:846](#))**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. Part of the complex F(0) domain. Minor subunit located with subunit a in the membrane.

**Cellular Location**

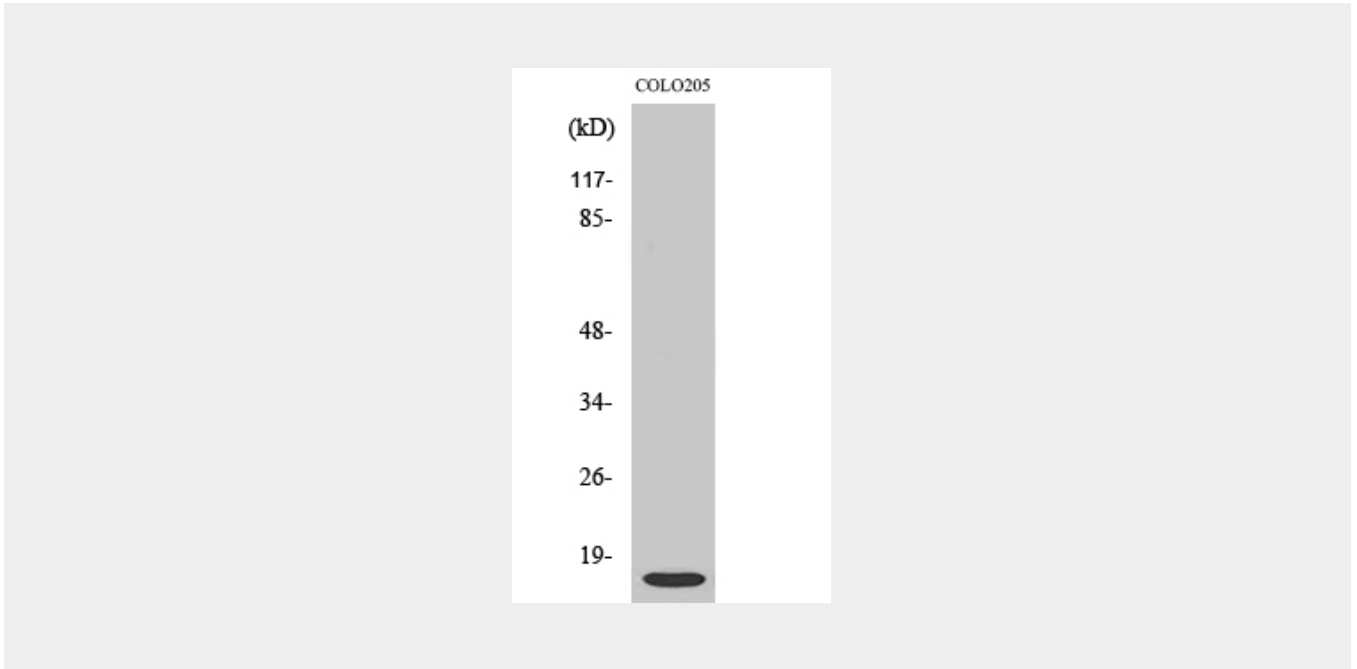
Mitochondrion. Mitochondrion inner membrane.

**ATP5I 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](#)

#### **ATP5I Polyclonal Antibody - Images**



#### **ATP5I Polyclonal Antibody - Background**

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