

**ATP5L2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50818****Specification**

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**ATP5L2 Antibody - Product Information**

Application	IF, WB
Primary Accession	<a href="#">Q7Z4Y8</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11 KDa
Antigen Region	70-99

**ATP5L2 Antibody - Additional Information****Gene ID** 267020**Other Names**

ATP synthase subunit g 2, mitochondrial, ATPase subunit g 2, ATP5L2, ATP5K2

**Dilution**

IF~~1:100

WB~~ 1:1000

**Format**Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

**ATP5L2 Antibody - Protein Information****Name** ATP5MGL ([HGNC:13213](#))**Synonyms** ATP5K2, ATP5L2**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 (By similarity).

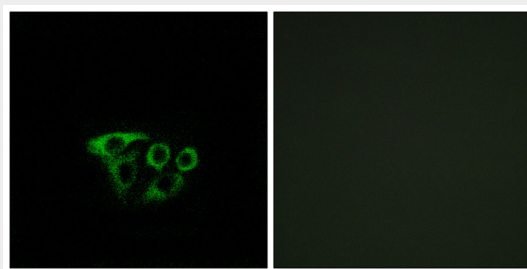
**Cellular Location**

Mitochondrion membrane.

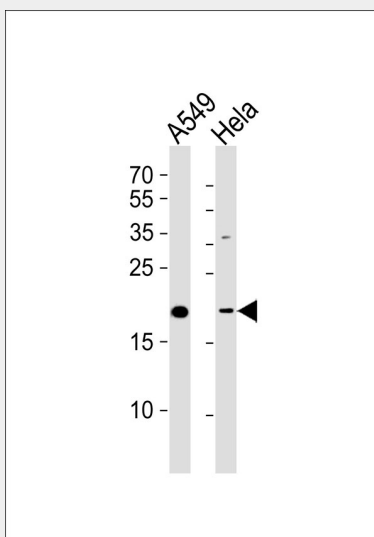
**ATP5L2 Antibody - Protocols**

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](#)

**ATP5L2 Antibody - Images**

Immunofluorescence analysis of A549 cells, using ATP5L2 antibody.



Western blot analysis of lysates from A549, HeLa cell line (from left to right), using ATP5L2 Antibody. This antibody was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

**ATP5L2 Antibody - Background**

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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 (By similarity).

#### **ATP5L2 Antibody - References**

Lin W., et al. Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.