

ATP5L2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18767A**Specification**

ATP5L2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q7Z4Y8
Other Accession	NP_001159349.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11037
Antigen Region	1-30

ATP5L2 Antibody (N-term) - Additional Information**Gene ID** 267020**Other Names**

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

Target/Specificity

This ATP5L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ATP5L2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ATP5L2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ATP5L2 Antibody (N-term) - 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

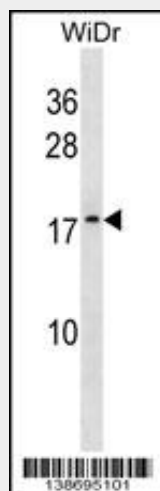
Mitochondrion membrane.

ATP5L2 Antibody (N-term) - 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 (N-term) - Images



ATP5L2 Antibody (N-term)(Cat. #AP18767a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the ATP5L2 antibody detected the ATP5L2 protein (arrow).

ATP5L2 Antibody (N-term) - Background

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).

ATP5L2 Antibody (N-term) - References

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :