

ATP5G2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5906b**Specification**

ATP5G2 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q06055
Other Accession	Q9BKS0 , Q71S46 , P56384 , P48201 , Q3ZC75 , Q06646 , P56383 , P07926 , Q06645 , A1XOS5 , Q9CR84 , P05496 , P32876 , NP_005167.2 , NP_001002031.1 , P17605 , Q06056
Reactivity	Human, Mouse
Predicted	Bovine, Pig, Rat, Sheep, C.Elegans
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	14637
Antigen Region	85-114

ATP5G2 Antibody (C-term) - Additional Information**Gene ID** 517**Other Names**

ATP synthase F(0) complex subunit C2, mitochondrial, ATP synthase lipid-binding protein, ATP synthase proteolipid P2, ATP synthase proton-transporting mitochondrial F(0) complex subunit C2, ATPase protein 9, ATPase subunit c, ATP5G2

Target/Specificity

This ATP5G2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-114 amino acids from the C-terminal region of human ATP5G2.

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

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

ATP5G2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ATP5G2 Antibody (C-term) - Protein Information

Name ATP5MC2 ([HGNC:842](#))

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. A homomeric c-ring of probably 10 subunits is part of the complex rotary element.

Cellular Location

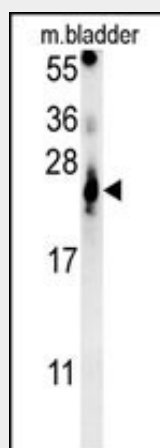
Mitochondrion membrane; Multi-pass membrane protein

ATP5G2 Antibody (C-term) - Protocols

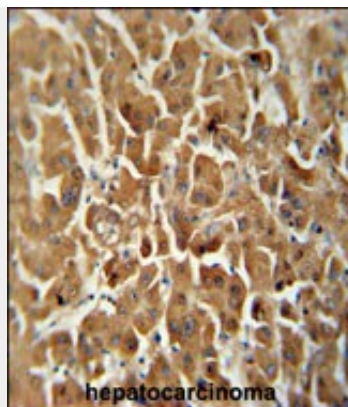
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATP5G2 Antibody (C-term) - Images



ATP5G2 Antibody (C-term) (Cat. #AP5906b) western blot analysis in mouse bladder tissue lysates (15ug/lane). This demonstrates the ATP5G2 antibody detected ATP5G2 protein (arrow).



ATP5G2 antibody (C-term) (Cat. #AP5906b) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP5G2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.