10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ATP5G2 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP5906b

Specification

ATP5G2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q06055
Other Accession	NP_005167.2, NP_001002031.1

ATP5G2 Antibody (C-term) Blocking peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ATP5G2 Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- Blocking Peptides

ATP5G2 Antibody (C-term) Blocking peptide - Images