

Rabbit anti-Human ATP5C1 Polyclonal Antibody | anti-ATP5C1 antibody

ATP5C1 Antibody, Biotin conjugated

CATALOG # AAA233680	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

ATP5C1; Polyclonal Antibody; ATP5C1 Antibody; Biotin conjugated; ATP synthase subunit gamma; mitochondrial; F-ATPase gamma subunit; ATP5C; ATP5CL1; anti-ATP5C1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	298
Applicable Applications for anti-ATP5C1 antibody	ELISA
Immunogen	Recombinant Human ATP synthase subunit gamma, mitochondrial protein (156-266AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5C1 antibody	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(1) domain and the central stalk which is part of the complex rotary element. The gamma subunit protrudes into the catalytic domain formed of alpha(3)beta(3). Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.
Product Categories/Family for anti-ATP5C1 antibody	Tags & Cell Markers ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345988
NCBI GeneID	509

NCBI Accession #	NP_001001973.1
NCBI GenBank Nucleotide #	NM_001001973.2
UniProt Accession #	P36542 ; Q5VYP3 ; Q6I9V2 ; Q96AS8 ; A8KA31
Molecular Weight	32,881 Da
NCBI Official Full Name	ATP synthase subunit gamma, mitochondrial isoform L (liver)
NCBI Official Synonym Full Names	ATP synthase F1 subunit gamma
NCBI Official Symbol	ATP5F1C
NCBI Official Synonym Symbols	ATP5C; ATP5C1; ATP5CL1
NCBI Protein Information	ATP synthase subunit gamma, mitochondrial
UniProt Protein Name	ATP synthase subunit gamma, mitochondrial
UniProt Gene Name	ATP5C1
UniProt Synonym Gene Names	ATP5C; ATP5CL1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/atp5c1-antibody-elisa/233680>