

Mouse ATP5C1 Monoclonal Antibody | anti-ATP5C1 antibody

ATP5C1 Mouse Monoclonal

CATALOG # AAA102701	HOST Mouse	REACTIVITY Human, other species are not tested.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ATP5C1; Monoclonal Antibody; ATP5C1 Mouse Monoclonal; ATP5C; ATP5CL1; F ATPase gamma subunit; anti-ATP5C1 antibody

PRODUCT SPECIFICATIONS

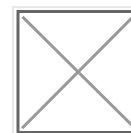
Host	Mouse
Reactivity	Human, other species are not tested.
Clonality	Monoclonal
Isotype	IgG1
Specificity	Please decide specificity by homology.
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid
Sequence Length	298
Applicable Applications for anti-ATP5C1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Calculated MW	33 kDa
Preparation and Storage	Store at -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

human heart tissue were subjected to SDS PAGE followed by western blot with AAA102701 (ATP5C1 Antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using AAA102701 (ATP5C1 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer (pH9)

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48146923
NCBI GeneID	509
UniProt Accession #	Q6I9V2; Q5VYP3; Q96AS8; A8KA31; P36542
NCBI Official Full Name	ATP5C1
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1
NCBI Official Symbol	ATP5C1
NCBI Official Synonym Symbols	ATP5C; 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
UniProt Entry Name	ATPG_HUMAN

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.