

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

ATP5C1 Antibody

CATALOG # AAA310259	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ATP5C1; Polyclonal Antibody; ATP5C1 Antibody; ATP5C; ATP5CL1; anti-ATP5C1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total ATP5C1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3mg/ml (varies by lot)
Sequence Length	1098
Applicable Applications for anti-ATP5C1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human ATP5C1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46322(ATP5C1 Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-6: Human heart tissue, A549, 231, Jurkat, HEPG2 and Hela cell lysates, Primary antibody: 46322(ATP5C1 Antibody) at dilution 1/1000 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5C1 antibody	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14.
Product Categories/Family for anti-ATP5C1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38197162
NCBI GeneID	509
UniProt Accession #	P36542; Q5VYP3; Q6I9V2; Q96AS8; A8KA31
Molecular Weight	33 kDa
NCBI Official Full Name	Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1, mRNA
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://stage.aaabiotech.com/polyclonal/atp5c1-antibody-immunohistochemistry-western-blot-elisa/310259>