

Rabbit ATP5C1 Polyclonal Antibody | anti-ATP5C1 antibody

ATP5C1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30575	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

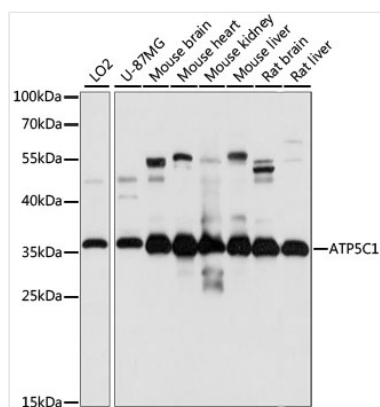
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

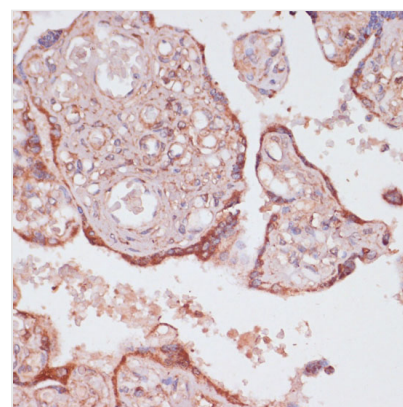
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 100% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.53
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ATP5C1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:200-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human ATP5C1 (NP_001001973.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



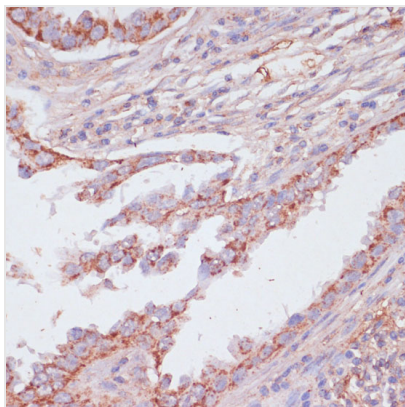
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATP5C1 antibody at 1:1000 dilution.



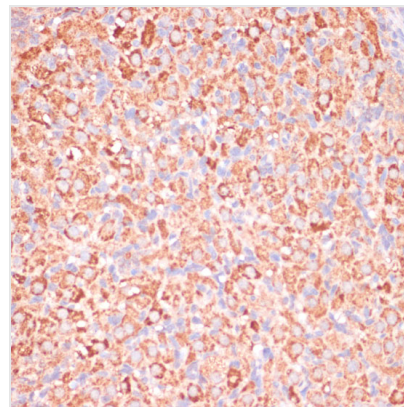
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using ATP5C1 antibody at dilution of 1:100.



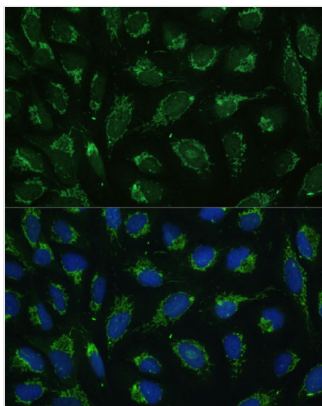
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using ATP5C1 antibody at dilution of 1:100 .



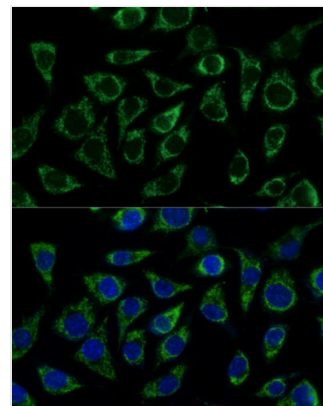
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat ovary using ATP5C1 antibody at dilution of 1:100 .



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ATP5C1 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ATP5C1 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

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 #	50345988
NCBI GeneID	509
NCBI Accession #	NP_001001973.1
NCBI GenBank Nucleotide #	NM_001001973.1
UniProt Accession #	P36542 ; Q5VYP3 ; Q6I9V2 ; Q96AS8 ; A8KA31
Molecular Weight	32,996 Da
NCBI Official Full Name	ATP synthase subunit gamma, mitochondrial isoform L (liver)

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; F-ATPase gamma subunit; ATP synthase gamma chain, mitochondrial; mitochondrial ATP synthase, gamma subunit 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/atp5c1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30575>