

Rabbit ATP5I Polyclonal Antibody | anti-ATP5I antibody

ATP5I Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313692	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATP5I; Polyclonal Antibody; ATP5I Rabbit Polyclonal Antibody; ATP5K; anti-ATP5I antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ATP5I antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ATP5I (NP_009031.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



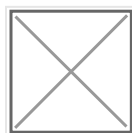
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ATP5I at dilution of 1:100. Blue: DAPI for nuclear staining.



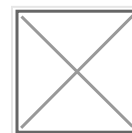
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human uterine cancer using ATP5I at dilution of 1:100 (40x lens).



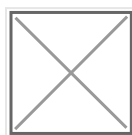
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using ATP5I at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using ATP5I at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using ATP5I at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5I antibody	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the e subunit of the Fo complex. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-ATP5I antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005717
NCBI GeneID	521
NCBI Accession #	NP_009031.1
NCBI GenBank Nucleotide #	NM_007100.3
UniProt Accession #	P56385; Q0D2L9
Molecular Weight	7,933 Da
NCBI Official Full Name	ATP synthase subunit e, mitochondrial
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit E
NCBI Official Symbol	ATP5I
NCBI Official Synonym Symbols	ATP5K
NCBI Protein Information	ATP synthase subunit e, mitochondrial; ATPase subunit e; ATP synthase e chain, mitochondrial; F1F0-ATP synthase, murine e subunit; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E
UniProt Protein Name	ATP synthase subunit e, mitochondrial
UniProt Gene Name	ATP5I
UniProt Synonym Gene Names	ATP5K; ATPase subunit e
UniProt Entry Name	ATP5I_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://stage.aaabiotech.com/polyclonal/atp5i-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313692>