Rabbit ATP5I Polyclonal Antibody | anti-ATP5I antibody

ATP5I Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174944	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ATP5I; Polyclonal Antibody; ATP5I Polyclonal Antibody; ATP 5I; ATP 5K; ATP synthase e chain mitochondrial; ATP synthase H+ transporting mitochondrial F0 complex subunit E; ATP synthase subunit e; ATP synthase subunit e mitochondrial; ATP5K; ATPase subunit e; F1F0 ATP synthase murine e subunit; MGC12532; Mitochondrial; anti-ATP5I antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.86mg/mL (varies by lot)
Sequence Length	69
Applicable Applications for anti-ATP5I antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human ATP5I
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ATP5I Polyclonal Antibody at dilution of 1:65(×200

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ATP5I Polyclonal Antibody at dilution of 1:65(×200

WB (Western Blot)
Western blot analysis of 293T cell PC-3 cell Human liver tissue lysates using ATP5I Polyclonal Antibody at dilution of 1:400

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.ATP5I (ATP Synthase, H+ Transporting, Mitochondrial Fo Complex Subunit E) is a Protein Coding gene. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and purine nucleotides de novo biosynthesis. GO annotations related to this gene include ATPase activity and hydrogen ion transmembrane transporter activity.
Product Categories/Family for anti-ATP5I antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005717
NCBI GeneID	521
NCBI Accession #	NP_009031.1
NCBI GenBank Nucleotide #	NP_009031.1
UniProt Accession #	P56385
Molecular Weight	8 kDa
NCBI Official Full Name	ATP synthase subunit e, mitochondrial
NCBI Official Synonym Full Names	ATP synthase membrane subunit e
NCBI Official Symbol	ATP5ME
NCBI Official Synonym Symbols	ATP5I; ATP5K
NCBI Protein Information	ATP synthase subunit e, mitochondrial
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/atp5i-antibody-immunohistochemistry-western-blot-elisa/174944