Rabbit ATP5B Polyclonal Antibody | anti-ATP5B antibody

ATP5B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28083	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

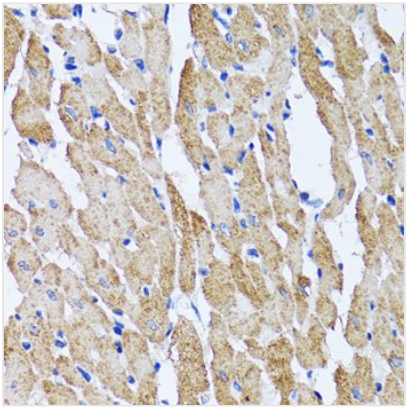
PRODUCT SYNONYMS

ATP5B; Polyclonal Antibody; ATP5B Polyclonal Antibody; ATPMB; ATPSB; HEL-S-271; anti-ATP5B antibody

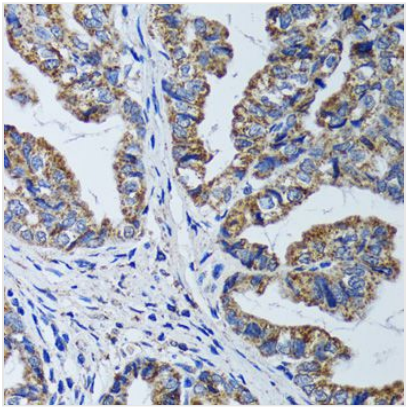
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-ATP5B antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ATP5B
Calculated Molecular Weight	56kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

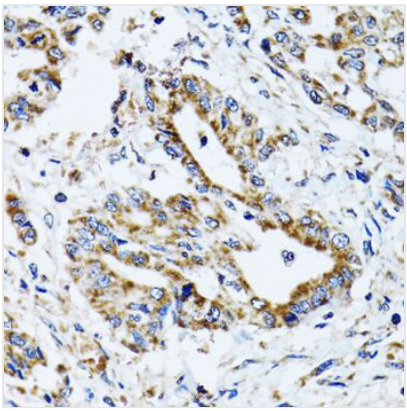
IMAGES



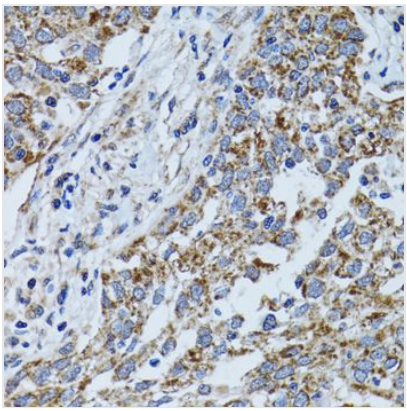
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using ATP5B antibody at dilution of 1:100 (40x lens).



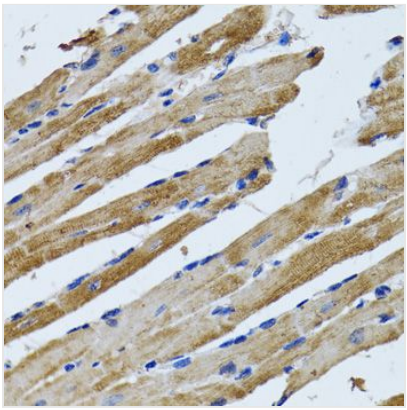
IHC (Immunohistchemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using ATP5B antibody at dilution of 1:100 (40x lens).



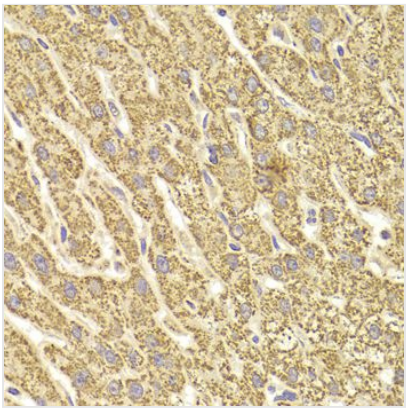
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using ATP5B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using ATP5B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat heart using ATP5B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver injury using ATP5B antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5B 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 beta subunit of the catalytic core.
Product Categories/Family for anti-ATP5B antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	114549
NCBI GeneID	506
UniProt Accession #	P06576; Q14283; A8K4X0
Molecular Weight	529
NCBI Official Full Name	ATP synthase subunit beta, mitochondrial
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide
NCBI Official Symbol	ATP5B
NCBI Official Synonym Symbols	ATPMB; ATPSB; HEL-S-271
NCBI Protein Information	ATP synthase subunit beta, mitochondrial; epididymis secretory protein Li 271; mitochondrial ATP synthase beta subunit; mitochondrial ATP synthetase, beta subunit
UniProt Protein Name	ATP synthase subunit beta, mitochondrial
UniProt Gene Name	**ATP5B**
UniProt Synonym Gene Names	ATPMB; ATPSB
UniProt Entry Name	ATPB_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://www.aaabiotech.com/polyclonal/atp5b-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28083